

PENN & TELLER, p. 9

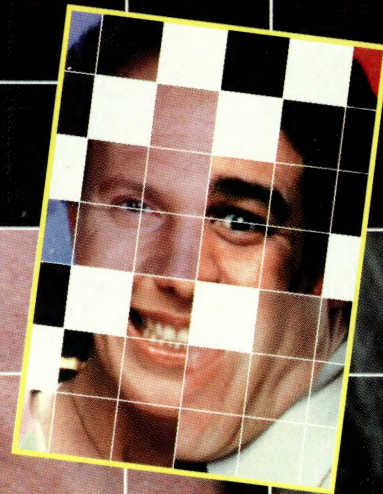
GAMES

cut-ups

We've borrowed 'tiles' from the small photos to create the large one.

Can you identify all four faces in these maniacal mosaics?

ANSWERS, PAGE 40



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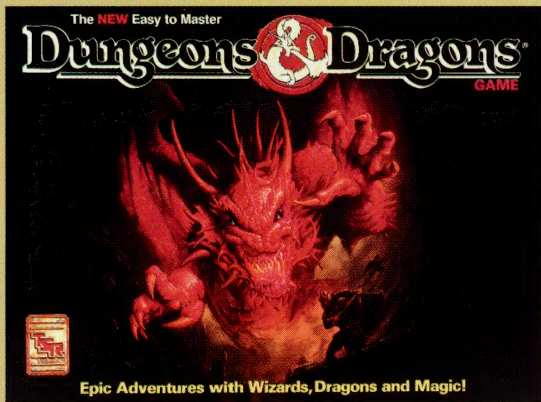
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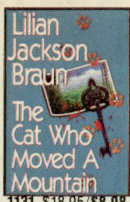


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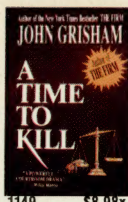
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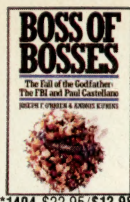
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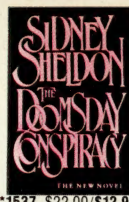
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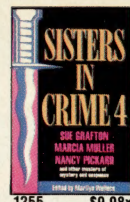
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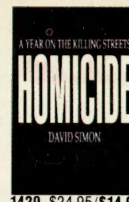
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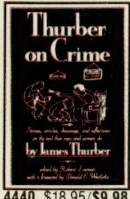
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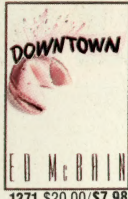
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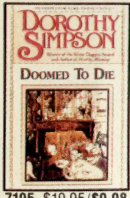
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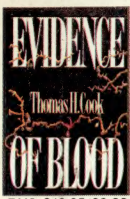
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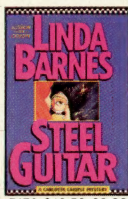
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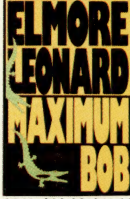
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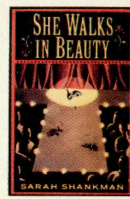
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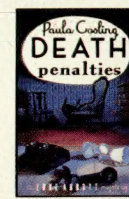
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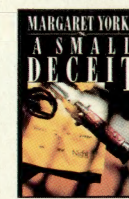
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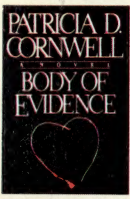


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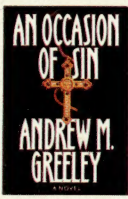


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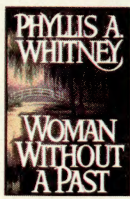
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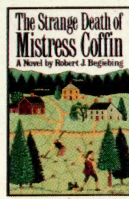
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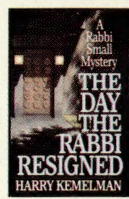
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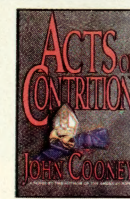
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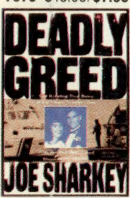
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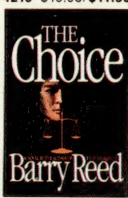
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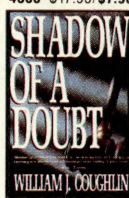
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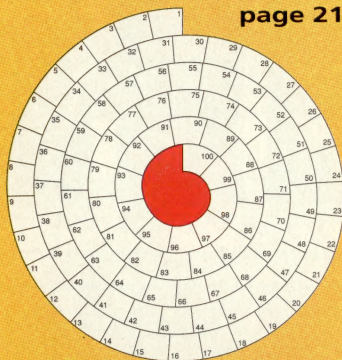


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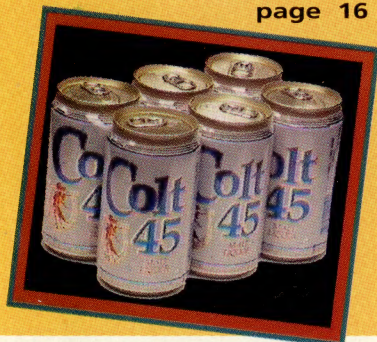
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DIFFICULTY RATING

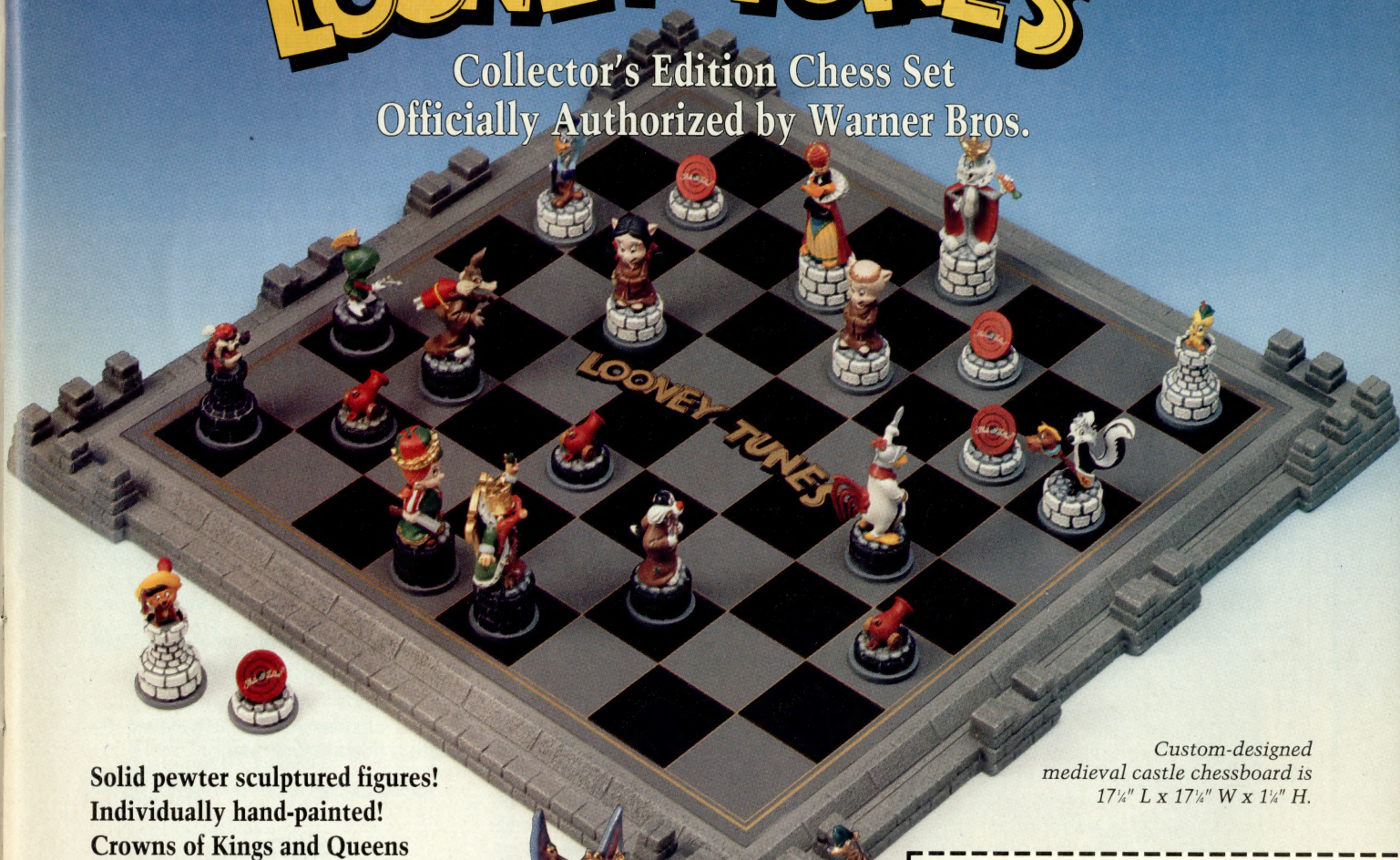
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LETTERS

FROM THE EDITOR

It might pay to cast an extra-wary eye over the puzzles in this issue of *GAMES*. By tradition, April is when we loosen up more than usual (is that possible?) and sprinkle a few it'sy-bitsy practical jokes through the issue.

Generally speaking, these April Fools are signaled in the puzzle instructions or in the art, so that clever, observant readers will not fall for them. (Ha!) All we guarantee is that every puzzle or quiz that appears to have an answer actually has one.

This year, in a refreshing exhibition of candor, I will reveal that there are six—count 'em, six—practical jokes in this issue.

Some of you are probably already thinking: Does he mean there are six practical jokes in the puzzles? Or five in the puzzles, plus this one in the editor's message?

Sorry. That's my secret.

On the subject of practical jokes, the comedy/magic team of Penn & Teller (profiled here in March 1986) has concocted a new April Fool for you to play on your "friends." The trick is on page 11. But first read page 9 yourself.

Another long-time April tradition for *GAMES* is the Hidden Contest. Good news: It's back! Somewhere within these pages is a secret announcement of the contest, plus instructions on how to enter it. You'll know it when you find it. The only thing we'll reveal here is that it's *not* announced in the Answers, pages 40-43. The rest of the magazine is, as we say, fair game.

Not a practical joke is the 1st World Puzzle Team Championship, which is described on pages 32-33. This is the first-ever event of its kind. Organized by *GAMES* and scheduled to be held in New York City on June 24-28, it will draw teams of solvers from more than a dozen countries to compete on a wide assortment of language- and culture-neutral puzzles. On Saturday, May 9, *GAMES* will hold a contest by fax to pick the four members of the U.S. team and two members of the Canadian team. The winners will have all their expenses paid for the championship. If you'd like to try out for the team, or just take the test, get your registration to us by April 30.

World-class solver or not, everyone needs nimble wits. Think of this issue as yoga exercises for the brain.

Will Shortz

ANYTH-ENG'S POSSIBLE

I enjoyed your article on the baffling bottles made by Harry Eng (December). I would like to know where Harry's bottles are sold or a list of collectors who may be willing to sell or trade for similar "impossible" bottles.

Joel Rett
Olympia, WA

You may contact Harry Eng at 8544 Gate-side Road, La Mesa, CA 91941.—Ed.

A MAN, A PLAN ...

Being a transportation planner who deals with finding minimum paths through highway and transit networks helped me solve "Shifty Business" (December), but this is the first time I had to deal with the equivalent of an eight-level network! Thanks for the challenge!

Earl R. Ruiter
Natick, MA

I believe the "Shifty Business" puzzle has a serious problem that you should know about: It lends itself too easily to solution by computer. For example, it took me only about two hours to write a BASIC program to solve it. The program then took about two seconds to produce the shortest possible solution. I presume that when you publish a contest, you intend that solvers with access to computers not have an advantage over their low-tech brethren.

Al Zimmermann
New York, NY

We don't think your computer conferred a great advantage. Many readers solved the puzzle in less than two hours by hand. Also, writing your program probably required as much ingenuity as working the puzzle the old-fashioned way. We do try to avoid contests where computer use would be too helpful. See page 58 for "Shifty Business" results.—Ed.

MORE THAN LIP SERVICE

As a teacher of phonetics, I found your "Silent Movies" (October) extremely entertaining and challenging. But I got only two-thirds of it correct. Now I intend to use it with my students.

Pawel Stefanczyk
Kielce, Poland

COMING CLEAN

Going over my answers for "Old Don

Mac's Zoo" (December, Wild Cards), I knew there was a three-letter animal beginning with N even though you didn't include one. I couldn't remember what it was, and just as I was about to ask my dad if he knew, my mom came in and started yelling at me to clean my room. Then it came to me. A nag!

Cheryl Evans
Brandon, FL

LAUNDRY

If a reader finds a significant error or a mistake that affects the play of a game or puzzle, and we agree that the slip needs laundering, we'll print the first or most entertaining letter and send the writer a GAMES T-shirt.

DECEMBER

Dirty Laundry. Agra washes in the Jumna (also called Yamuna), not the Ganges as used in 97-Down in "Cardinal Points" (page 33).

Valerie Vrieze
Frostburg, MD

The clue to 89-Down in "Cardinal Points" reads "Wayne Mansion butler" for the answer ALFRED. However, the estate is titled Wayne Manor.

Tom Johnson
Oakland, CA

EUREKA

Eureka is the department dedicated to those venturesome spirits who, never settling for a ready answer, have fought their way to a better, more elegant, or more complete solution than the one we gave.

DECEMBER

I found more than one solution to two of the "Altered Identities" (page 31). DAY LENS can become "Jay Leno" or "Kay Lenz." TAN MARINE can be changed to "Dan Marino" or "Nan Maline."

Nan Maline
East Windsor, NJ

I'm writing to add a few words to "500 Rummy" (page 46): CRUMBER (58 points), CRUMPED (55) and TUSSIVE (64).

Leon Cantor
Cambridge, MA

Several solvers who wrote and gloated about higher scores than ours did not follow all the rules correctly.—Ed.

EUREKA CONTINUES ON PAGE 43.

GAMES

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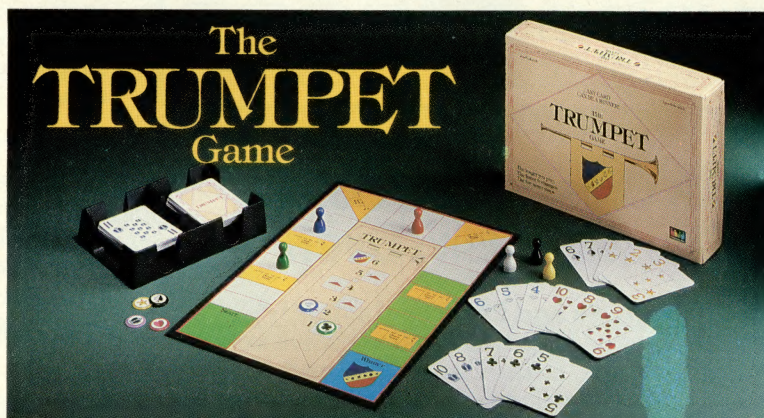
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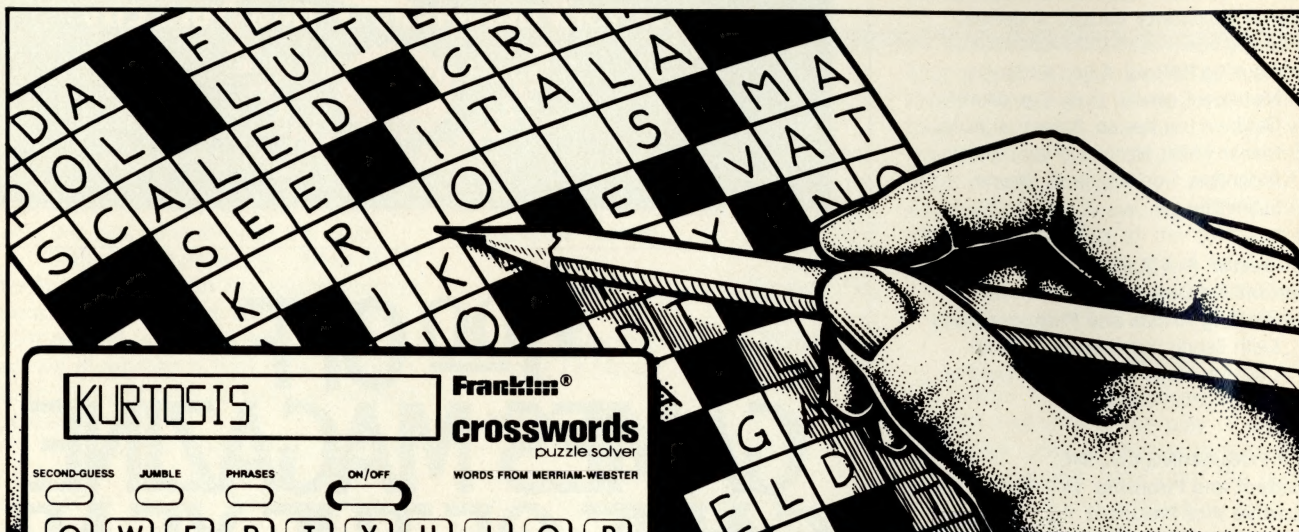


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GAMEBITS

by lou kesten

AMAZING DISC-OVERIES

Every five years or so, a game comes along that really captures the public eye, reaching beyond the usual audience of die-hard game players and becoming somewhat of a phenomenon. Trivial Pursuit and Pictionary turned the trick in the '80s, and while it's too early to tell whether Rykodisc's Play It By Ear, with 50,000 copies sold in its first month of release, will have the staying power of those classics, it certainly looks like the first big hit of the 1990s.

Play It By Ear (voted 1991's Best Trivia Game in The GAMES 100, December 1991) is a trivia game with a twist. Each question is accompanied by an audio clue: a sound effect, a snippet of music, a sound bite from a famous speech. The compact disc that comes with Play It By Ear contains 300 such clips, which are played in more or less random order in any given game.

Barry Levine, the game's inventor, is a producer of interactive media who has worked for Prodigy and developed videodiscs for medical instruction. "The CD player is an interactive device," he says, "but it wasn't being used. So I set out to develop a simple game, using the functions that exist on every CD player."

Levine worked on the project for two years ("under major secrecy"), acquiring music rights from Ryko and CBS Records, news clips from CBS News, animal noises from Cornell University, and movie and TV clips "from all over." Then Levine developed sets of questions based on the clips. After testing the game on more than 100 focus groups, Levine and Ryko felt ready to unleash their creation.

Thanks to its innovative technology (and savvy marketing) you'll find Play It By Ear in an unexpected place: your local record store. A Rykodisc spokesman says that more than half of the copies sold so far have been purchased from music outlets.

Levine says that a sequel is already in the works, and feels confident about the future of CD games. Still, the demise of the "VCR game" in the mid-'80s is well remembered. However, "VCR games had fatal flaws which CD

technology takes care of," Levine argues. "The VCR doesn't have random access, it doesn't have absolute address [the ability



to cue up a specific clip at its exact start], and it doesn't have infinite pause."

The biggest difference, though, is a social thing. "VCR games require you to sit and watch TV. And, frankly, I don't like to invite my friends over to watch TV." ■

PIECES OF THE ACTION

Jigsaw devotees are heading to the Fresno Metropolitan Museum, which is exhibiting a collection of 200 puzzles tracing the history of the genre from the 18th century to today.

The exhibit includes a 1766 jigsaw of Europe created by mapmaker John Spilsbury, which curator Rick Ambrose says is one of only eight known copies of the first jigsaw ever created. Also on display are puzzles from the Depression, when, Ambrose says, "jigsaws were more popular than ever. Over a seven-month period in 1932, over 6 million puzzles were sold." The collection represents innovations up through the 1990s, including the diabolical creations of Stave (see "Getting It Together," GAMES, March 1990).

The exhibit, which will be on display throughout 1992, includes an area where kids and grownups can solve puzzles, and solving competitions will be held at intervals during the year. ■

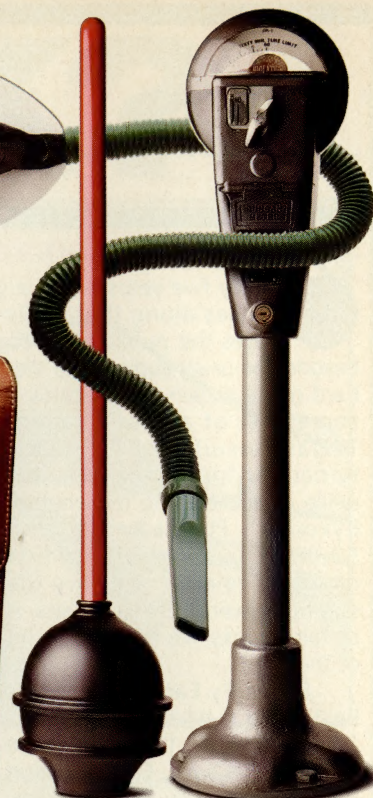
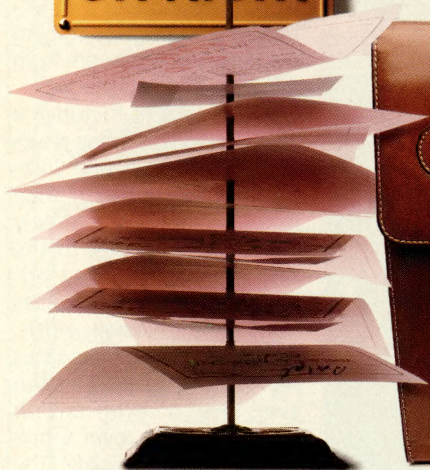
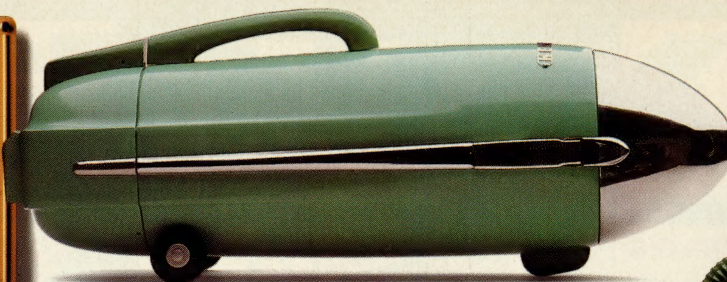
CROSSING THE ALTAR

Most solvers of the *San Francisco Examiner's* November 17, 1991, Sunday crossword undoubtedly noticed its nuptial theme. The key entries included RING, TUX, CHAMPAGNE, BEST MAN, and HONEYMOON, and the puzzle's title, "Terms of Engagement," provided an additional clue. But one solver—Leslie Hamilton, a Palo Alto city planner—discovered that the puzzle contained a message addressed specifically to her. Arranged in the middle of the completed grid were the words DEAR LESLIE, WILL YOU MARRY ME, NEIL.

Hamilton's beau, Neil Nathanson, engineered this unique proposal through Merl Reagle, the constructor of the *Examiner's* Sunday puzzle. Nathanson had met Hamilton while she was solving one of Reagle's puzzles in a restaurant, and he wrote to Merl asking for a proposal-crossword that he could slip into Hamilton's copy of the paper. "I thought it would be more fun if the proposal were hidden inside the real crossword," says Reagle, so he set about creating a puzzle that regular solvers would enjoy while it still delivered the message.

To that end, says Reagle, "I filled the grid with references specific to Leslie: her dog (a DACHSHUND), her college (STANFORD), her home state (MONTANA), and so on." And, fortunately for everyone involved, this story has a happy ending. "After she got the idea, she immediately said yes," according to Reagle. "I understand that she never did finish the puzzle." ■





Have you had your fun today?

▶ Sure, you did everything you were supposed to do today. That's what adults do. Because they're responsible. They want people to like them. And give



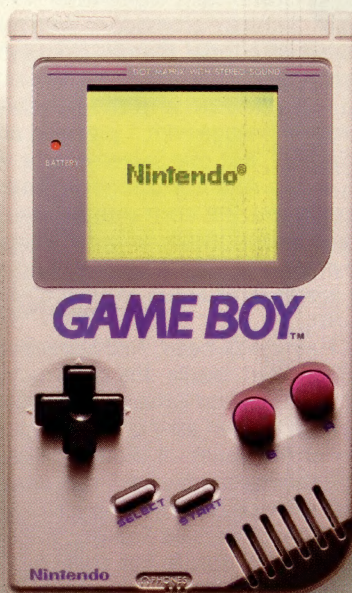
▶ them paychecks. ▶ And then one day they go berserk, and spend money they don't have on

a car they can't pronounce. Don't let this happen to you. Get your fun in easy daily doses with Game Boy,® the personal game-playing system



from Nintendo. ▶ But it's a toy, you're thinking, I couldn't possibly be interested. Oh yeah? Golf.

Interested? Golf on Game Boy requires the judgement and skill of the real thing, and you can play it anywhere. So you can get in a quick nine



on the way to work, without having to tell your boss your car broke down. ▶ But golf

is just one of over a hundred game cartridges to choose from.



There's a full range of sports, puzzle and adventure games as well. And the first cartridge is on us. It's Tetris,® the jigsaw puzzle that fights back. ▶ Look, it's no secret that having fun everyday makes you a happier person. If that doesn't appeal to you, find someone who's not as hopelessly grown-up as you are, get them a **Nintendo®** Game Boy system and stand back. If all that fun still

leaves you cold, we remind you, there's a day planner for Game Boy as well.

Have You Had Your Fun Today?

PENN & TELLER'S IMPOSSIBLE NUMBER PREDICTION

The Secret Stuff—
How It Really
Works

Take a look at our dummy IMPOSSIBLE NUMBER PREDICTION directions on page 11. It looks like every other self-working mathematical trick. You pick a number. You do a bunch of calculations. No matter what number you pick, you end up with the "mysteriously predicted total."

But this trick is not based on the classic casting-out-nines principle. Nor do its directions contain a cleverly disguised command to subtract the original number (the old Take-Your-Age-And-Double-It-Then-Add-Eight-And-Divide-By-Four-Subtract-Half-Your-Age-Voilà!-It's-Two-kind-of-thing).

So how does it work? Are we psychic? (If you're even considering this possibility—if Kreskin seems amazing to you—maybe you should be struggling through that mind-busting *TV Guide* crossword puzzle instead of reading *GAMES*.) But if not, how else could we do it? The directions seem perfect. No one can see through the trick. Goddam, we're geniuses. It's completely clean.

There is one itsy-bitsy downside. THE TRICK DOESN'T WORK! If you pick a number at random and it comes out right, it's just dumb luck. With most numbers you'll get a total nowhere near the "prediction." So if we didn't warn you—if you tried the trick on your own and got a wrong number—you'd probably figure, "Oops, I must have forgotten to carry something." You'd use your calculator watch—as a *GAMES* reader you probably have one (we do)—and try again. If the answer was still wrong, you'd think, "Well, my finger must have slipped." You'd figure, "This is *GAMES* Magazine. They never screw up. It *must* be me."

If you'd fall for it—and as a *GAMES* reader, you're probably good at psychotically devious riddles—imagine how easily others would get caught! Starting to make sense, eh?

That's right: PENN & TELLER'S IMPOSSIBLE NUMBER PREDICTION is not a little brainteaser between you and the magazine. It's a tool to frustrate and humiliate your "friends." We're sure you know people who deserve to be taken down a couple/two/three pegs. Maybe they fooled you one time. Maybe they figure out puzzles faster than you. Maybe they're breathing. Whatever. It's time to squash them like the mental insects they are.

Here's all you do:

1. Tell your friend there's a cool math trick in *GAMES*. (If he or she knows who the hell Penn & Teller are, use our name to sell it. But be careful. If he or she knows too much

BY PENN & TELLER

about who the hell Penn & Teller are, he or she won't trust us. So use your judgment.)

2. Show the fall person the directions and say you'll show him or her how it works with a random number. Your "random" number will be 267.

3. Go through the steps. It'll work.

4. Ask the sucker to try it.

5. It won't work.*

6. Act perplexed. Look at your friend like he or she is an idiot. Then do it again yourself using 348 as your "random" number. It will work again.

7. Have the fish try again and fail again. Bring out a calculator so your friend can double-check the arithmetic. Use lines like "Oh, yeah, I'm sure the magazine is wrong. It *couldn't* be your figuring."

8. Repeat steps 6 and 7 until you have milked every drop of shame from your cowed companion. The trick will work with 229, 267, 348, and 508. You can also rearrange the digits of any of those numbers (for example, for 267, you could also use 276, 627, 672, 726, and 762. If you didn't understand the phrase "rearrange the digits," and had to look at the examples, it may not work for you with the *right* numbers.) So you've got a lot of ammunition. You can torture to the cracking point.

9. After the sucker has failed many times, start the blockhead off with a number that works. At last it comes out right! Success at last! Congratulate the dunce on mastering it. Then tear out page 11 and give it to the nitwit. Suggest that he or she follow the instructions in *USE MATH TO ENHANCE YOUR SEX LIFE* at the bottom of the page. Then sit back and savor the possibilities. Picture the cheesebrain confidently strolling into T.G.I.Friday's and trying to "put the moves" on a potential date with this trick. It's a warm feeling— isn't it?—to know that, even in your absence, you can cause suffering and shame. (By the way, now that you've given away the key page, be sure to buy another copy of *GAMES* so you can do it to other friends. We told the editor that a Penn & Teller trick was a sure boost for circulation.)

Our sincere thanks to Ron Graham at AT&T Bell Labs, our polynomial guru, for the evil math.

*In the unlikely event that the fool happens to pick one of the 21 three-digit numbers that do work, have the lucky loser pick another number, and then go buy a lottery ticket with it. Maybe you can capitalize on this fool's dumb luck.

LOSE YOUR MIND!



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PENN & TELLER'S

IMPOSSIBLE NUMBER PREDICTION

Here is an amazing number trick that will baffle you and your friends. Never mind how it works—it just *does*. To start, get out pencil and paper. Pick any three-digit number. Then follow these easy directions:

1. Choose two of the digits. Add them. From their total subtract the remaining digit. Square the result.
2. Repeat step 1 with another pair of digits from your number.
3. Repeat step 1 with the remaining pair of digits from your number.
4. Add up the three digits in your original number and square the result.
5. Now total the results of steps 1, 2, 3, and 4.

Hmmm. Is **THIS** your total?

356

BY PENN & TELLER



USE MATH TO ENHANCE YOUR SEX LIFE

If you think this trick is amazing in a magazine, imagine how effective it will be when you try it **on an attractive** person you'd like to get to know better. "I'm a psychic," you declare. "I feel we are soul mates. Pick any three-digit number."

Give the instructions. When the calculations are finished, stare deeply into your companion's eyes as he or she concentrates on the total. Acting is important here: Squint as though it requires almost painful effort, then announce the digits dramatically one at a time. With this little scam in your repertoire, you'll never be lonely again.

Glasses

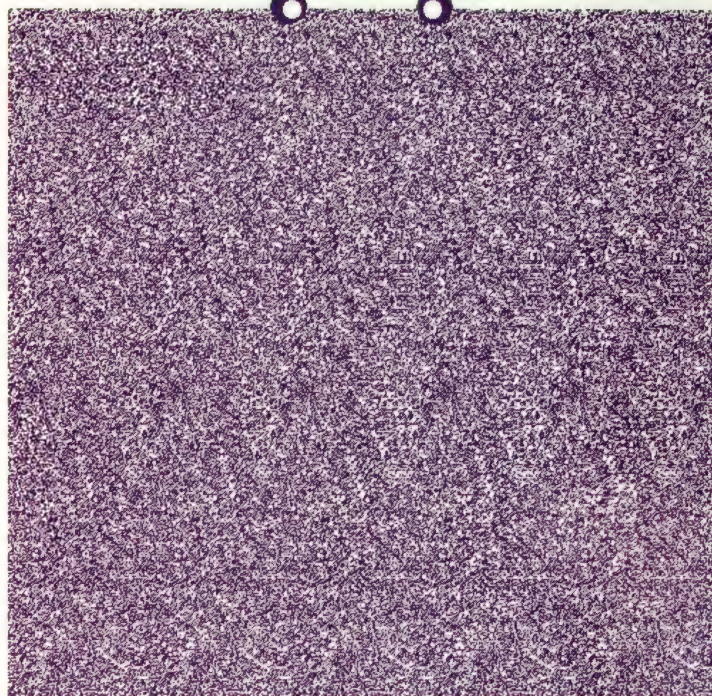
Look, Ma,

The century-and-a-half history of stereoscopic vision has been, appropriately enough, a roller-coaster ride of popularity peaks alternating with valleys of disinterest. But fasten your seat belts: We may be in for another exhilarating ride. This one, emerging not from Hollywood but from the corridors of scientific research, has an unusual new twist—three-dimensional viewing without special glasses.

Now available as posters and calendars, and passed hand to hand on ever dimmer photocopies of photocopies, are single-image random-dot stereograms (sirds), such as the ones on these pages. At a glance they look like nothing at all, but there's plenty going on within the computer-generated random array of black and white dots. With practice and patience, you should be able to achieve "deep sight" and enter these captivating images.

How captivating are they? Look through the eyes of Tom Baccei, the 49-year-old president of Penticca, Inc., a high-tech company in Cambridge, Massachusetts. Baccei (pronounced buh-SHAY), who'd collected 3-D comics as a kid and had recently taken up stereo photography as a hobby, came across a single-image random-dot stereogram created by Dan Dyckman in a journal called *Stereo World*. Like many 3-D aficionados, Baccei is able to "free-view"; that is, he can fuse stereo images without the aid of a viewer. He quickly saw a group of spheres come into focus and appear to rise up like stairsteps on Dyckman's speckled page. "It's like watching your brain work," he says.

Baccei started thinking about using sirds to market his company's in-circuit emulators, which are debugging tools for systems engineers. He wrote a computer program to design sirds and "hid" the model number of one of his products in a field of dots. Then he ran an ad headlined "Penticca Loves Puzzles" in a trade journal, promising an unspecified prize to readers who could identify the hidden



the six balls of medici

see article for instructions on viewing

image. "Somewhere in this random pattern of dots is a number," read the ad copy. "Take a few minutes to gaze at the image. It's not easy to see. Most people take quite a long time before the brain locks in on the pattern correctly. Standard emulators face the same problem when looking for bugs ..."

Uncertain business, this advertising. The imaginative ad brought Penticca few orders, but it buried Baccei in mail. Within a couple of months, more than 3,000 responses poured in. Baccei founded a second company, N.E. Thing Enterprises, to see if what he's now

calling STARE-E-O gaze toys—brilliantly colored posters and calendars (and maybe T-shirts)—can spark the next 3-D craze. He hired Dyckman to create several of the calendar images, which include a striking solar system view of a ringed Saturn, an Earth with raised Americas, and a cratered moon.



To give this new 3-D marvel a frame of reference, consider its predecessors. For centuries, artists have employed shadows and rules of perspective to impart a feeling of depth to two-dimensional images. But it wasn't until 1838 that anybody created a jump-off-the-page 3-D effect. Credit an English physicist, Sir Charles Wheatstone, the inventor of the stereoscope. His device used four mirrors, arranged in a V, held out near arm's length at the sides, to separate the viewer's eyes.

In the 1840s, after the debut of photography and the development of a twin-lensed, stereoscopic camera, Scotsman David Brewster came up with prismatic lenses to bring the pictures directly in front of the viewer. He set his lenses 2 1/2 inches apart, a common interocular distance. Soon came the first spark of what has become a long love affair—3-D and world's fairs. Among those enchanted with the stereoscopic views unveiled at London's 1851 Crystal Palace Exposition was Queen Victoria. Suddenly, 3-D photos became all the rage.

No ses!



The United States leapfrogged Europe in 3-D interest after Oliver Wendell Holmes Sr. (father of the Supreme Court Justice) invented a hand-held stereoscope, copies of which are still made today. Through their Holmes stereoscopes, 19th- and 20th-century Americans viewed their country and the world—and often themselves. Scores of companies dispatched stereoscopic photographers to national parks and exotic lands to bring back enchanting three-dimensional views. At tourist sites such as Niagara Falls, visitors could hire local photographers to take their pictures in 3-D.

The first 3-D movie was screened in the 1920s. In 1933, 35mm 3-D filmstrips premiered at the Century of Progress Exhibition in Chicago. At the 1939 New York World's Fair, viewers watched the Chrysler Motor Company's 15-minute 3-D film through glasses in which the polarizing lenses resembled headlights of popular Chrysler models. An early View-Master and a batch of 3-D reels were available in the fair gift shops.

Stereoscopic viewing received a big boost in 1952 when *Life* magazine ran a shot of Gen. Eisenhower touring Europe with a Realist 3-D camera in hand. The '50s were the heyday of Hollywood B-movies in 3-D, such as *Bwana Devil* ("A Lion in Your Lap! A Lover in Your Arms!" proclaimed the posters), which the audience watched while wearing cheap colored glasses.

Most 3-D movies, being poorly made, turned people off rather than on to stereoscopic viewing. A brief run of X-rated fare in the '60s and '70s dragged the genre down further. Often the reviews were better than the movies. "The action is so real I thought I was cheating on my wife," wrote one reviewer of *The Starlets*.

Meanwhile, in the late 1950s, an electronics engineer at Bell Labs named Bela Julesz was creating the first random-dot stereograms. We perceive depth, Julesz knew, because each of our eyes transmits a slightly different image to the brain. Hold a finger in front of your nose, and look at it using only your right eye. Now switch eyes. The finger appears to jump. This displacement of images, computed by the brain, gives us the perception of depth.

Wheatstone's 1838 stereoscope had proved a long-held theory that if the eyes see two slightly different representations of the same image—even flat, two-dimensional ones—the mind can interpret them to produce a 3-D effect. The brain, in reconciling the slight differences in the two images, is tricked into perceiving depth.

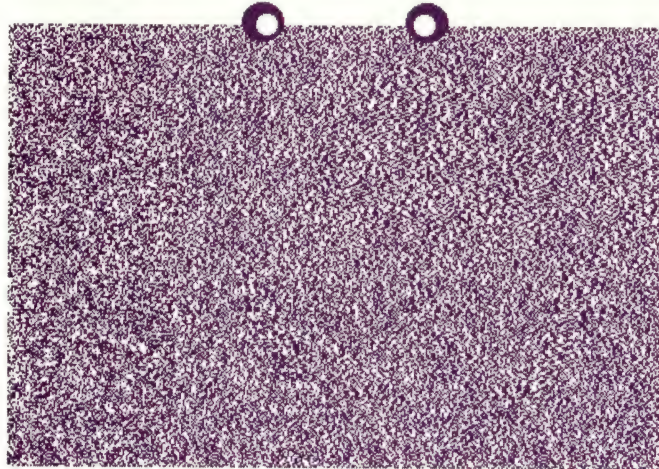
Julesz achieved the same effect with a computer. Starting with two identical squares of randomly generated black and

white dots, he used the computer to shift a certain pattern of dots in the right image slightly to the left, filling the resulting empty space with more random dots. The brain, fusing the two images into one, detects the pattern and, interpreting the shift as depth, sees that pattern floating above a speckled background.

In a scientific paper published in 1968, Julesz alluded to the wonder of what he termed "ambiguous stereograms": "In

the case of holograms the observer has to inspect them from various positions, while for ambiguous stereograms it is the mind of the observer that wanders around."

This wandering is fairly limited in a dual-image random-dot stereogram. Working independently, Chris Tyler, a vision researcher at the Smith-Kettlewell Eye Research Institute in San Francisco, and David Stork, then a physicist at the University of Maryland, took Julesz's work a step further and created the *single-image* random-dot stereogram.



touching tongues

The field of play—this wandering room for the mind—grew substantially.

Which brings us to Dan Dyckman, a 32-year-old freelance computer programmer, whose image in *Stereo World* lit the fuse, so to speak, on sirds. A couple of years ago, while he was studying computers at Berkeley, somebody showed him a Stork stereogram, not realizing that he was a long-time collector of stereoviews. Spotting the two fusion dots atop the image, Dyckman knew it must be some sort of 3-D picture. "But where," he wondered, "was the other image?" Blurring his vision and fusing the two dots, he "entered" the image and discerned a prophetic message: SEEING THE LIGHT. Before long he had written the necessary computer programs to make his own sirds.

In his stereograms, Dyckman essentially repeats Julesz's image-defining shifting of dots, but line by line in left-to-right strips across the width of his field of play. A series of dots in one line, when shifted five pixels (or dots) to the left, will appear to rise; moved to the right, they appear farther back. The trick is to see the left dots with your left eye and the right dots with your right, and then to fuse them into one image.

Though some people can leap into these images almost immediately, many need 10 or 20 minutes, sometimes even days, to achieve deep sight. The breakthrough is rather like learning to juggle. "Wow, look at this!" is a near universal reaction. And, as with juggling, part of the fun is sharing the new ability with someone else.

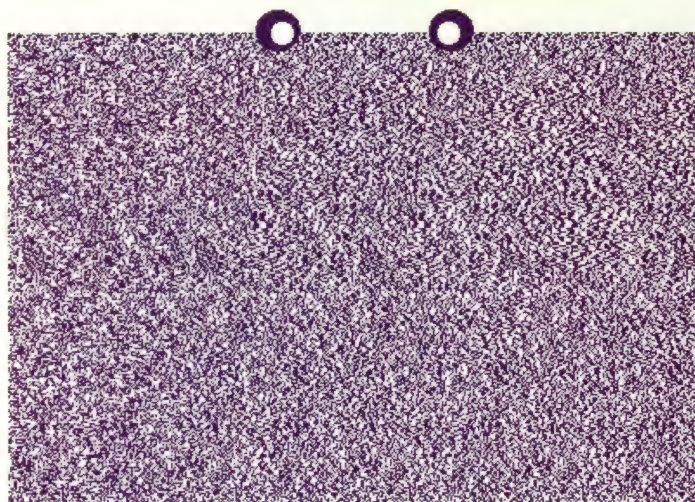


To free-view birds in 3-D, a quiet room is helpful. Good lighting is essential. Here are two techniques:

1) Look at the fusion dots at the top of the image. Stare beyond the page and focus on a more distant object until the two dots merge. You should now see three dots. *Focus on the middle one.* Holding this focus, move your eyes down to the middle of the picture. You should start to see depth, and then, like a developing photograph, the 3-D scene should emerge.

2) Bring the image up close to your face until the dots begin to blur. You'll get a sense of something beginning to happen. Be patient. Maintain this focus and then slowly move the page away.

If neither method works at first, don't despair. Baccei says that 98 percent of people who don't have serious vision problems are eventually able to view birds in 3-D. So take all the time you need. The effect is worth the effort. ■



peeled fruit



truncated sphere

teleport maze

by Dan Dyckman

Grand Prize
\$1,000 worth
of puzzles*
10 Runner-Up
Prizes
A GAMES T-shirt

View the image at right in 3-D, and you will see a 3 x 6 array of small items, such as spheres, crescents, doughnuts, etc. You will also see bridges connecting certain adjacent items.

The object of the maze is to find the shortest path from the sphere at the top left to the doughnut at the bottom right. You may move along the bridges, or teleport from one object to another *identical* one elsewhere in the maze.

For example, from the sphere at top left, you may take the bridge leading right to the tent-shaped figure; you may take the bridge leading down and right to the cross-on-a-square; or you may teleport to the other sphere in the fourth row.

To score, count each crossed bridge in your path as 1 point. Teleports are free. The lowest score wins.

Entering Write down your solution and score (any reasonable identification of the items will do) and mail it, along with your name and address, to: **Teleport Maze, GAMES Magazine, 19 West 21st Street, New York, NY 10010.** You may enter as many times as you wish, but each entry must be mailed separately. **Entries must be received by May 1, 1992.**

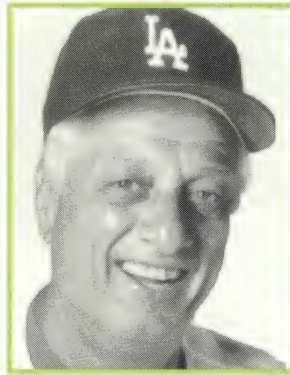
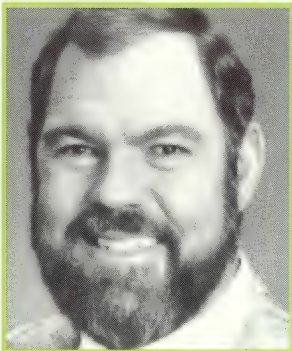
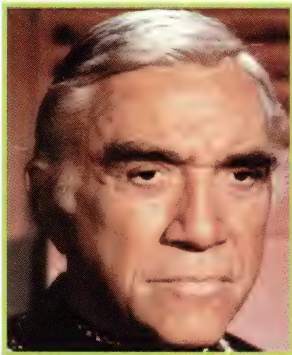
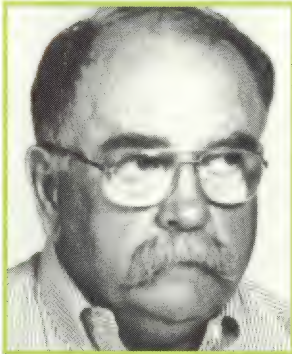
*Your choice of \$1,000 worth of puzzles, books, and games from the Spring 1992 Bits & Pieces catalog

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Hertz

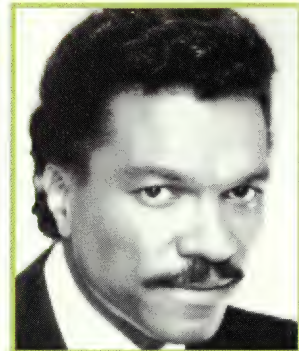


perfect pitch!

BY
MARGOT
SEIDES

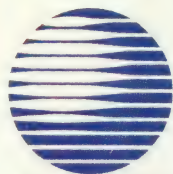


Carnival
THE MOST POPULAR CRUISE LINE IN THE WORLD!

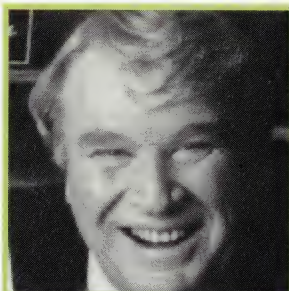
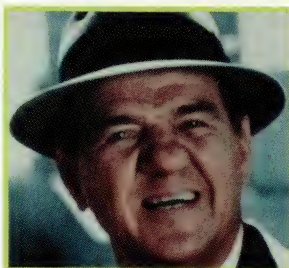
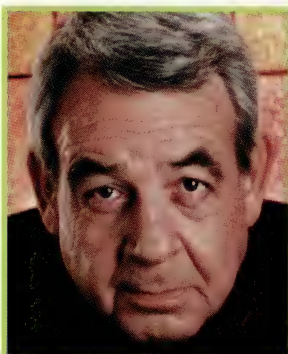
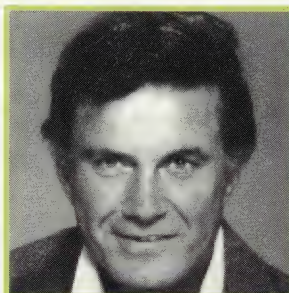
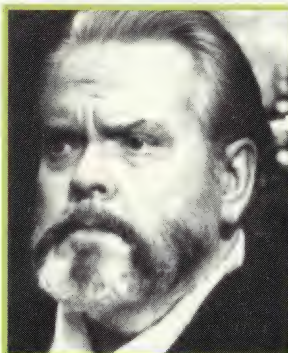
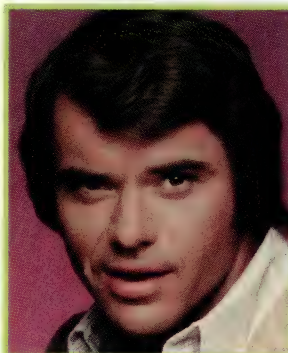
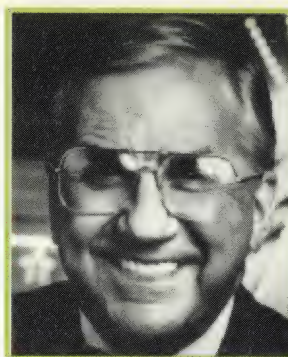
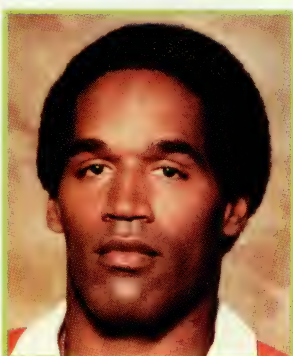
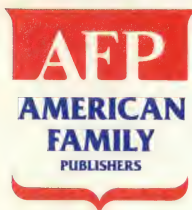


With so many famous pitchpeople out there, it's hard to remember who pitches what! Can you match the products and pitchers, past and present, from the pictures below? Note: Two of the pitchers pitch more than one product and one of the products has more than one pitcher.

ANSWERS, PAGE 40



AT&T





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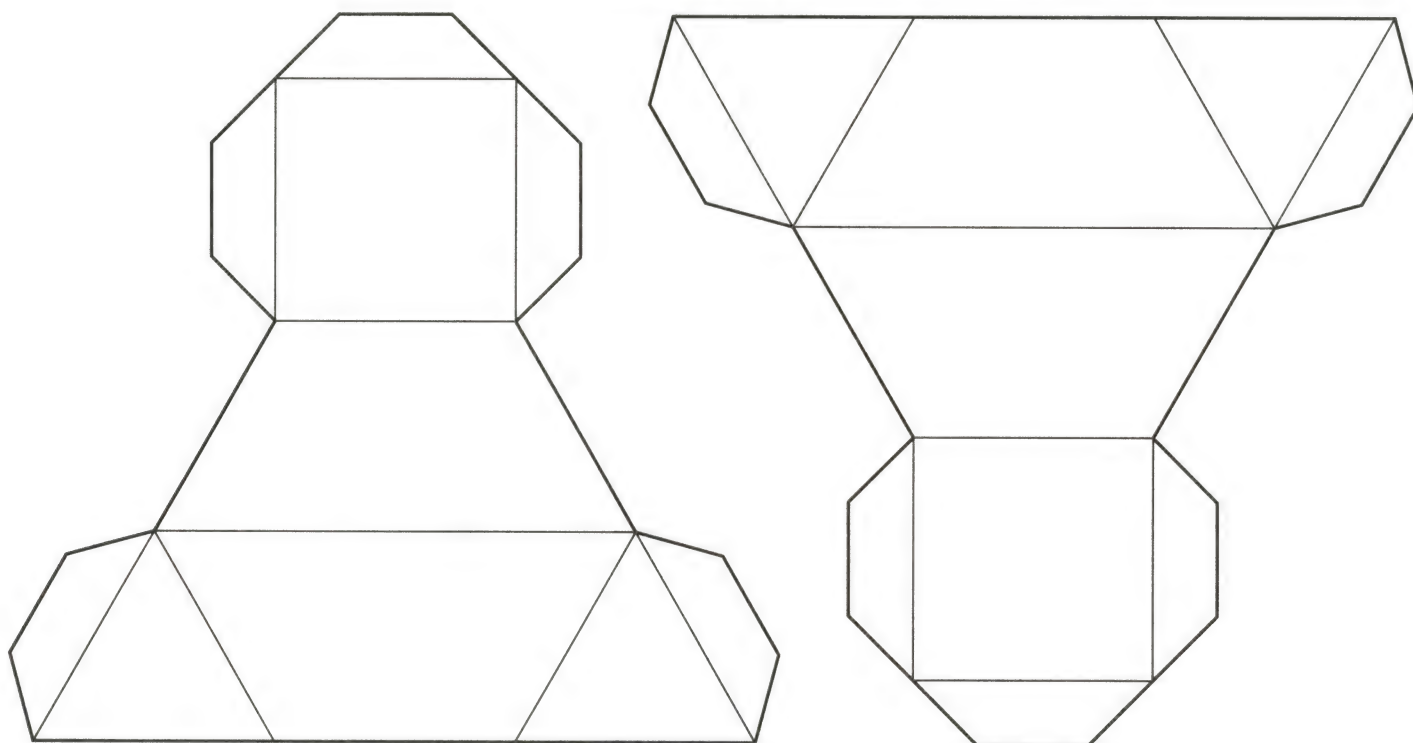


“Aha!”

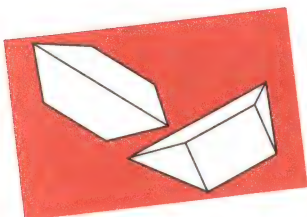
Two Classic Pop-Out Puzzles
from the GAMES Library

The most satisfying puzzles often are the ones with solutions that surprise you. The two puzzles on this page are good examples of the genre. The solution of “Tricky Pyramid” (#1) is so unexpected, we’ve seen people actually have it in their hands and not realize it! Yet with the right insight, it takes just seconds to do. The “T” Puzzle” is a little harder, and requires one stroke of ingenuity to solve. We promise—no April Fools on this page. Both puzzles are strictly legit.

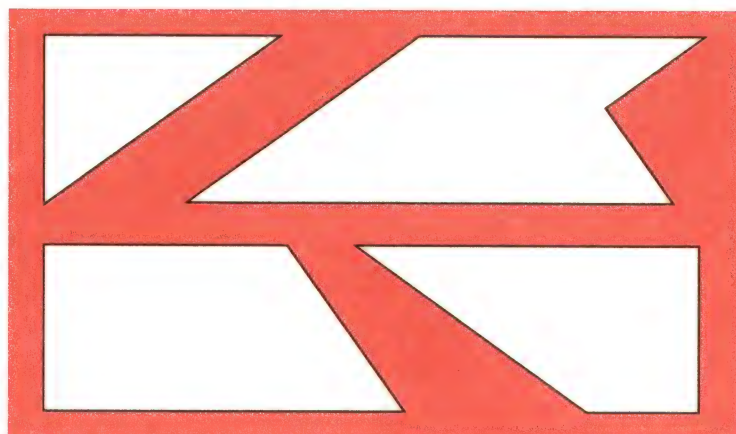
ANSWERS, PAGE 40



1. TRICKY PYRAMID To start, pop out the two pieces along the perforations. Crease each of them along the lines, fold it up, and seal its flaps. When you’re done, you’ll have two identical triangular wedges (see left). The puzzle is to put the two wedges together to form a regular four-sided pyramid.



2. “T” PUZZLE Pop out the four pieces. Fit them together without overlapping to make a regular block-letter T.



CONTEST SEND US (3)

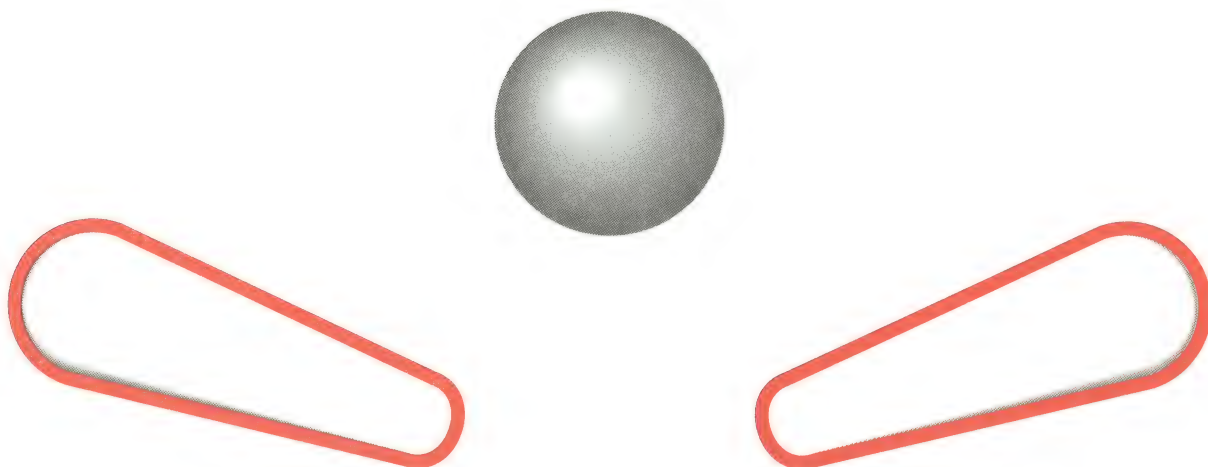
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with another amazing miniatures observation puzzle •
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the world's most ingenious noodle nudgers



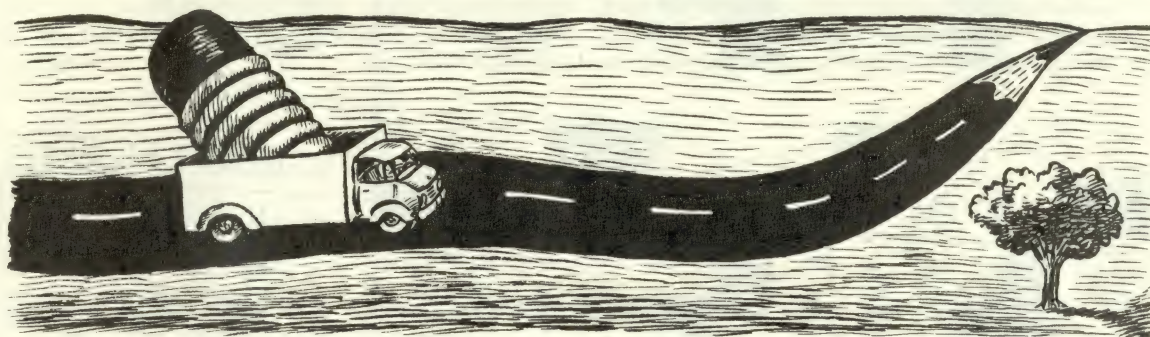
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PENCILWISE



THE SPIRAL ★★

BY WILL SHORTZ

This puzzle turns in two directions. The spiral's Inward clues yield a sequence of words to be entered counterclockwise in the spaces from 1 to 100. The Outward clues yield a different set of words to be entered clockwise from 100 back to 1. Fill

in the answers, one letter per space, according to the numbers beside the clues. Keep track of which way you're going and have many happy returns.

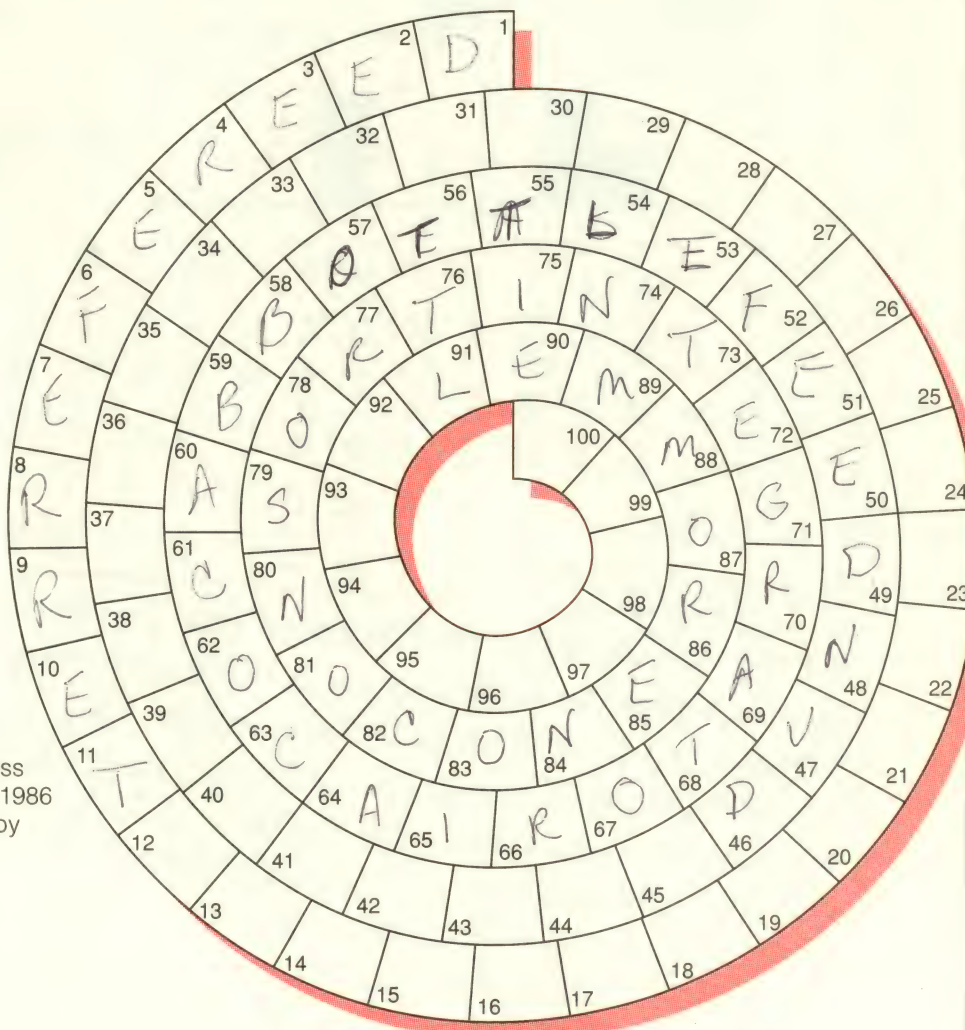
ANSWER, PAGE 40

INWARD

- 1-5 Farm equipment manufacturer John ____
- 6-11 Search (out)
- 12-17 Two-trailer semi
- 18-24 Radio pioneer Guglielmo
- 25-30 Sports jacket
- 31-37 Simple and unadorned
- 38-45 Indian fur, perhaps
- 46-51 Paul Hogan's "Crocodile" ____
- 52-55 Hat material
- 56-62 North Carolina's biggest crop
- 63-67 Largest city in Africa
- 68-73 Clay pigeon, e.g.
- 74-78 $C_3H_5N_3O_9$, for short
- 79-85 Ice snack (hyph.)
- 86-91 "The Desert Fox"
- 92-100 Not always

OUTWARD

- 100-95 Mideasterner, perhaps
- 94-89 Mideasterner, perhaps
- 88-83 Actress Rita
- 82-76 Monarch's spouse
- 75-66 Promoter of racial progress
- 65-59 Bestselling biography of 1986
- 58-49 One way to nourish a baby (hyph.)
- 48-42 Boring pests, in slang
- 41-34 Miniature blossom
- 33-28 Spanish prime minister, 1976-81
- 27-22 White elephant?
- 21-15 Studied all night
- 14-9 Talk foolishly
- 8-1 Umpire



THE FIRST WORD SEARCH EVER ★

BY BENJAMIN FRANKLIN

On April 17, 1790, Benjamin Franklin—the great American inventor, writer, statesman, and diplomat—died. But a month before his death, Franklin invented what has since become one of the world's most popular puzzle types: the word search. Franklin's new brainteaser, recently discovered by

bibliographers at the Smithsonian Institute, was published in the April 1, 1790, edition of the *Pennsylvania Gazette*, the newspaper Franklin began in 1729. Now, more than 200 years later, we reprint this first-ever word search as it originally appeared.

ANSWER, PAGE 40

NOTICE: 25 WORDS MAY BE FOUND AMONGST THESE LETTERS

N	E	V	O	E	V	A	W	O	R	C	I	M	B	N	M	K	V	Y	T	S	Z
L	H	T	S	Y	I	M	T	K	E	N	A	L	P	R	I	A	S	O	G	H	S
N	L	X	V	T	W	E	B	S	W	A	L	T	R	T	H	I	G	R	R	S	L
O	C	K	I	G	J	R	M	T	L	M	A	Q	E	S	V	Y	H	K	A	H	L
S	S	L	A	E	D	I	O	A	S	G	Y	P	V	L	F	N	Q	T	J	W	A
P	I	H	G	D	C	C	B	M	R	C	O	F	E	Q	X	O	E	O	L	T	B
M	D	B	F	B	J	A	C	P	O	O	R	D	R	K	R	L	N	W	M	L	E
I	R	P	O	E	T	W	I	A	T	F	B	W	E	Q	L	O	P	N	U	U	S
S	E	H	D	C	X	U	M	C	K	E	G	O	X	I	F	C	N	B	N	P	A
T	S	I	Y	S	A	J	O	T	H	J	L	X	T	A	N	P	T	I	M	W	B
R	A	L	T	L	R	O	T	A	V	E	L	E	K	I	I	H	O	M	D	C	J
A	L	O	A	E	S	S	A	Y	S	W	E	N	V	N	G	N	O	I	T	A	N
B	V	S	P	G	R	Q	Z	P	D	J	L	O	V	I	Z	D	A	F	G	O	R
E	K	O	M	R	J	X	O	R	E	X	N	D	L	G	S	U	F	B	T	B	T
A	B	P	K	O	R	W	R	I	R	M	D	N	Z	R	L	I	C	S	L	Z	B
W	N	H	X	E	P	L	Q	N	C	C	Y	O	X	I	B	N	O	Z	Q	A	P
K	E	Y	V	G	N	I	N	T	H	G	I	L	N	V	K	B	V	N	T	S	J

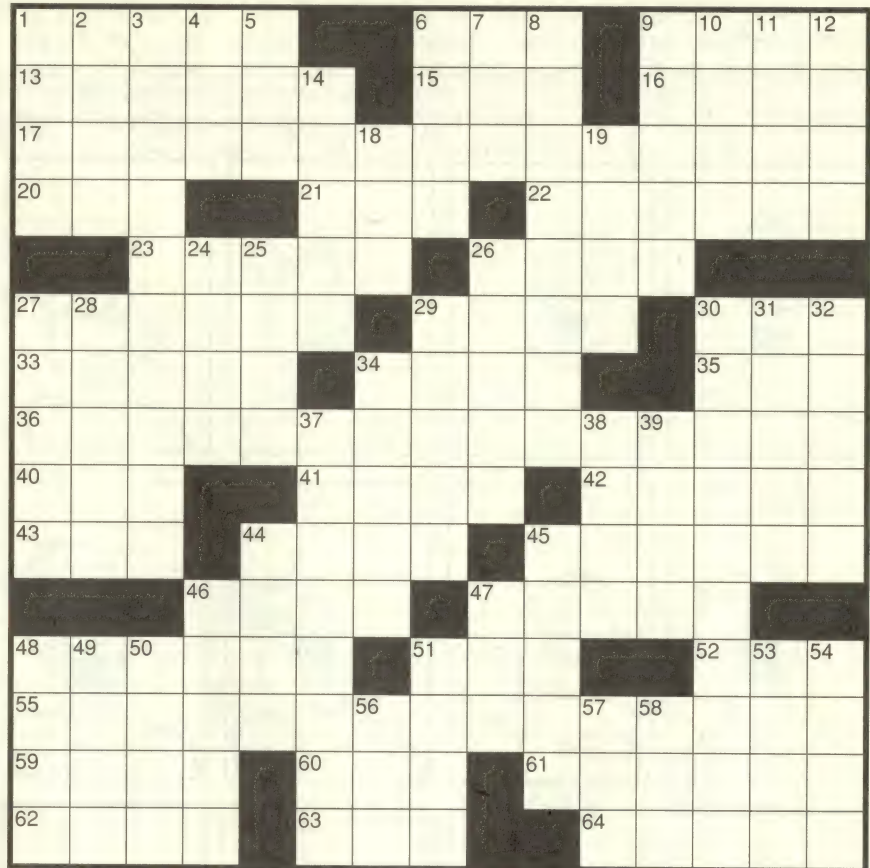
For the Amusement of All Citizens of Our Republic, We have concealed 25 Words amongst the Letters above. In Fairness, the Words are made up only of neighbouring Letters, which lie in a straight Line, horizontally, vertically, or diagonally, in any Direction. As an Example, the clever Reader will discover the Word LAWS in the 3d Row. The 25 Words follow herewith: AMERICA, BOSTON, COLONY, ESSAYS, GEORGE, IDEALS, KEY, KITE, LAWS, LIGHTNING, LONDON, MILITIA, NATION, NEWS, PHILOSOPHY, POET, POOR, PRINT, REVERE, ROYAL, STAMP ACT, STOVE, UNION, VIRGINIA, and YORKTOWN. A Solution disclosing All of the Words will appear in Next Week's Edition of this Newspaper.

ACROSS

- 1 San _____, California
- 6 *One Day* _____
Time: 2 wds.
- 9 Troubles
- 13 Atlantic and Pacific
- 15 Caboose, for one
- 16 Aware of
- 17 1950 film about an ice cream vendor: 4 wds.
- 20 Soak (up)
- 21 Anger
- 22 Young hooting birds
- 23 Niagara _____
- 26 Raised, as cattle or dogs
- 27 _____ wheel
(amusement park ride)
- 29 Crossword diagram
- 30 Part of a minute, for short
- 33 *The _____* (Mr. T's TV show): 2 wds.
- 34 Swiss painter Paul
- 35 British beverage
- 36 1976 Walter Matthau/Tatum O'Neal film: 4 wds.
- 40 "Oh yeah!? _____ who!?"
- 41 Takes the trophy
- 42 *L.A. Law* divorce attorney
- 43 Mineral-laden rock
- 44 Cherries' centers
- 45 _____ by (obeys)
- 46 Skillets
- 47 Runs away
- 48 Leave high and dry
- 51 Bullfight cheer
- 52 "For shame!"
- 55 Hans Christian Andersen story: 3 wds.
- 59 Long periods of time
- 60 Wide shoe size
- 61 _____ Nevada mountains
- 62 Unspeaking
- 63 _____ *Boot*
(German movie)
- 64 Like some stadiums

DOWN

- 1 Partner of 46-Across
- 2 Canyon sound
- 3 Cold storage: 2 wds.
- 4 Cleaning cloth
- 5 Yoko's last name
- 6 Feel sore
- 7 Sigma's follower
- 8 Weapon storehouses
- 9 The whole planet
- 10 "This one's _____" (treater's phrase): 2 wds.
- 11 Coup d'_____
- 12 Adam, Hoss, and Little Joe, to Ben
- 14 Dirties
- 18 Surgeons and dentists: Abbr.
- 19 Had debts
- 24 Saudi citizen
- 25 Peru's capital



ANSWER, PAGE 40

- 26 Makes beer
- 27 Nasty nickname for a portly person
- 28 Old anesthetic
- 29 Singer Campbell and others
- 30 Doesn't budge: 2 wds.
- 31 Spooky
- 32 Workload for a lawyer
- 34 Makes a sweater
- 37 Shrank
- 38 Baseball legend Ruth
- 39 Buffalo's Great Lake
- 44 Sharp spasm
- 45 Guinness and Baldwin
- 46 VCR button
- 47 Winter ailment
- 48 Part of a rose or a goblet
- 49 "_____ shalt not kill"
- 50 Monopoly player's payment
- 51 Lyric poems
- 53 Concerning: 2 wds.
- 54 "Zounds!"
- 56 Thumbs-up vote
- 57 Joke around with
- 58 Zodiac roarer

CATTLE CALL ★

BY MARK DANNA

When last we herded, it was time for another word roundup, and so we steer this puzzle your way. The answer to each clue below is a word or phrase containing either COW or BULL. For example, the clue "Yellow primrose flower" would lead to the

answer COWSLIP, while "England's equivalent of Uncle Sam" would be JOHN BULL. Get your head together, and if you get all 14 correct, we say, "Holy cow! Bully for you!"

ANSWERS, PAGE 41

1. Oz visitor who sought courage _____
2. City housing the Kremlin _____
3. Earth-moving tractor _____
4. Pitcher's warm-up area _____
5. Teenage Mutant Ninja Turtle's cry _____
6. Target center _____
7. Sioux chief at Little Bighorn _____
8. Unruly tuft of hair _____
9. Yale mascot _____
10. Place for tacking notes _____
11. Retort from Bart Simpson _____
12. Front piece of a locomotive _____
13. Civil War battle near Manassas _____
14. Source of easy income _____

The eye-popping character transformations in the movie *Terminator 2* and Michael Jackson's "Black or White" video were accomplished through a computer process called "morphing" (from the word *metamorphosis*). In this maze, the surfer hunk at upper left will morph his way through a variety

of identities, finally becoming the old lady at lower right. Can you follow the path of changes frame by frame from start to finish? You may move from one picture to any other picture that's adjacent horizontally, vertically, or diagonally. Every picture will be used once in your path.

ANSWER, PAGE 40

ANSWER. PAGE 40



In this crossword puzzle, the clues appear in the grid itself. Enter the answers in the direction of the pointers.

ANSWER, PAGE 40

Award-winning musical	▼	Rainbow fish	Tutored	Women's	Blew up, as a photo	Award-winning musical	▼	Walking (very happy)	Human being	Kenya and Libyans	▼	Solo of Star Wars	In process	Camper fuel	▼	Musical work	Velocity	Murder
▼		▼	▼	▼	▼			▼	▼			▼	▼			▼		▼
Bathtub outlet	▶					Opposite of WSW	▶			Jogged	▶			October birthstone	▶			
Traffic tie-up cause	▶													"... lid on it!" Valises	▶			
Big galoot	▶			Holiday ending Lent		Word on a towel	▶			... Rushmore		Playwright Sean	▶					
▶						Scent	▶					Author Fleming Paddles	▶			Honey-moon spot	Most like a fox?	Building wings
Tie up, as horses		Label Lima's land	▶			1, 2, 3, etc.: Abbr.	▶	Matter-of-fact, as hose?	▶									
Dad	▶			Mailed Photo-copying	▶			Steak order	Common practice	▶						Sick "Broadway Joe"	▶	
Neighboring	▶							Square dancer			Chows down		Slow mover Golf peg	▶				
Beech or peach	▶				Most brainy	▶									Ripens Use a ruler	▶		
Rush	▶					Mine rock	▶			Order's partner		Bovary and Peel	▶					Makes honor, as promises
Ed Norton's wife		The lowdown		"How was ... know?"	'71 song "Move"	▶												
▶		▼				Place	▶	... Vegas Carries on	▶			Warren Beatty movie	One time Exist	▶			Anxiety	
"Step ...!" ("Go faster!")	▶				The Taming of the ...	▶				Disney dwarf Insure	▶							
Point ... return	▶				Rip Honolulu garlands	▶			Hindu teacher Past	▶						The King ... I	▶	
Typical London weather	▶			Boxer Spinks "Acid"	▶			Boring tool	▶							... Misérables ... la vie!	▶	
Award-winning musical	Make beloved	Session led by a medium	Bounded Decimal fractions	▶				Helium or hydrogen	▶				Dazzling display	▶				
▶	▼	▼	▼										Part of Disney World	Old oil brand Oodles	▶			
Requires	▶					Hatfield-McCoy conflict		Place to get ham on rye	... go brag!	Charged particles	▶	Overhead trains	▶			Born Free lioness		Ship-building wood
Anchor-man Rather	▶			Balderdash	Film edit method Before	▶						Packing a wallop	▶					
Main course	▶							Racy writings	▶							Grant's foe	▶	
Award-winning musical	▶											City on the Black Sea	▶					
Took a breather	▶							Bugs and beetles	▶							Inquire	▶	

QUIPPED-O-GRAMS ★★

We've taken quips from the 10 comics pictured on these pages and translated them into simple cipher alphabets. Letter substitutions remain constant throughout any one

cipher, but change from one quip to the next. An asterisk (*) indicates a proper noun or title.

ANSWERS, PAGE 40



RITA RUDNER

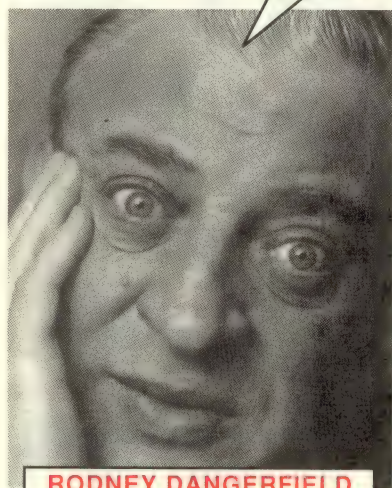
E QFLJ JS PFKD
HPEZVIDL QPEZD
YA NFIDLJM FID
MJEZZ ASOLU
DLSOUP JS JFXD
HFID SC JPDY.

B'S HPG BHGP
KWKLTFBHN.
EVFBTVXXQ,
SQ GAKPLQ
BF, "HP IVBH,
AV!—HP IVBH."



CAROL LEIFER

JK MZOT RPB Z MTST VRFFK OWS
DMTPDK KTRSC. DVTP MT JTD.



RODNEY DANGERFIELD

R'J FVYVMWRZ
VNWHS
AQAYLSTRMD. WM
JL PSVSRWMVYL
NROLOGA R
TVQA V
YAVYQRAU
JRYWY.

B ARDYSJ TI
YBFONFBXPV BP
QXV UBJS
RPCJSXF YDI. B
URW AFDWSXV.
B WRBV, "YXJ
CNN TX, ICD
JUC."

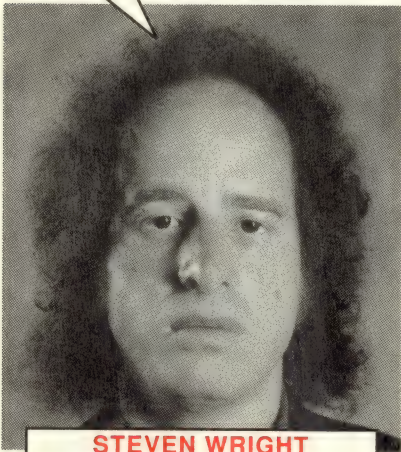


EMO PHILIPS



RICHARD LEWIS

O MICE EA H
LIJEHQLHCE
EGHE HYKILEOJIY
"VLIHXZHJE HCW
EOTI." JA O
ALYILIIY *ZLICDG
EAHJE OC EGI
*LICH0JJHCDI.



STEVEN WRIGHT

LWS KGOBL LGXS G CSUL LZ TU
*TXSOGHTU OSBLTMOTUL, LWSJ
TBRSE, "WZC XTUJ TOS GU JZMO
YTOLJ?" G BTGF, "LCZ XGIIGZU."



YAKOV SMIRNOFF

GBJ RLK C
HFAAK LPFIG
YDJLZCZM UK
BFITJ CT GBJ
RLK *TJLAT
YFUJT FIG
HCGB L ACRCZM
QLYIU YDJLZJA.



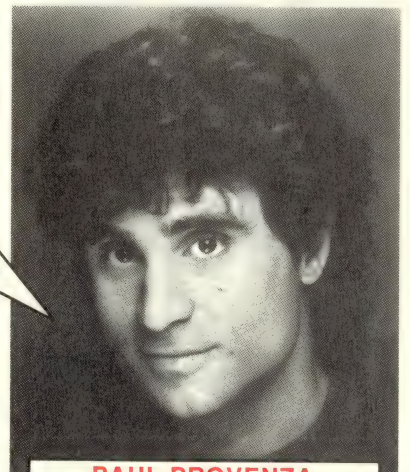
ROSEANNE ARNOLD

MWUN CWKXZY VXM UTVRSDMRKB
YDMUC KB QZKMWUC CK LU LKXZY
OBKL LWUB MWUN HK KXM KI
CMNZU.



GARRY SHANDLING

G UVDE CXF
*NXGVFIF *RFBW
DL CXF *XDBIF GI
WSODIC DJFB, RFC
G UFFK EBGCGVY
*IVWUF DV WSS
OR NXFNUI.



PAUL PROVENZA

The artist for our soon-to-be-published Illustrated Handbook of Baseball Terminology seems to have gone bats. We asked him to draw several familiar baseball terms, but the illustrations he returned have virtually nothing to do with the sport in question. For example, the starting picture below is his

conception of a PINCH HITTER. Can you identify the baseball term intended for each of the others? Hint: Two of the answers involve phonetic puns. The dashes below the pictures indicate the number of letters in the respective answers.

ANSWERS, PAGE 41



1. _____



2. _____



3. _____



4. _____



5. _____



6. _____



7. _____



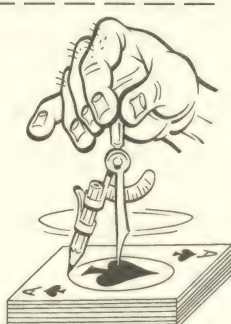
8. _____



9. _____



10. _____



11. _____



12. _____

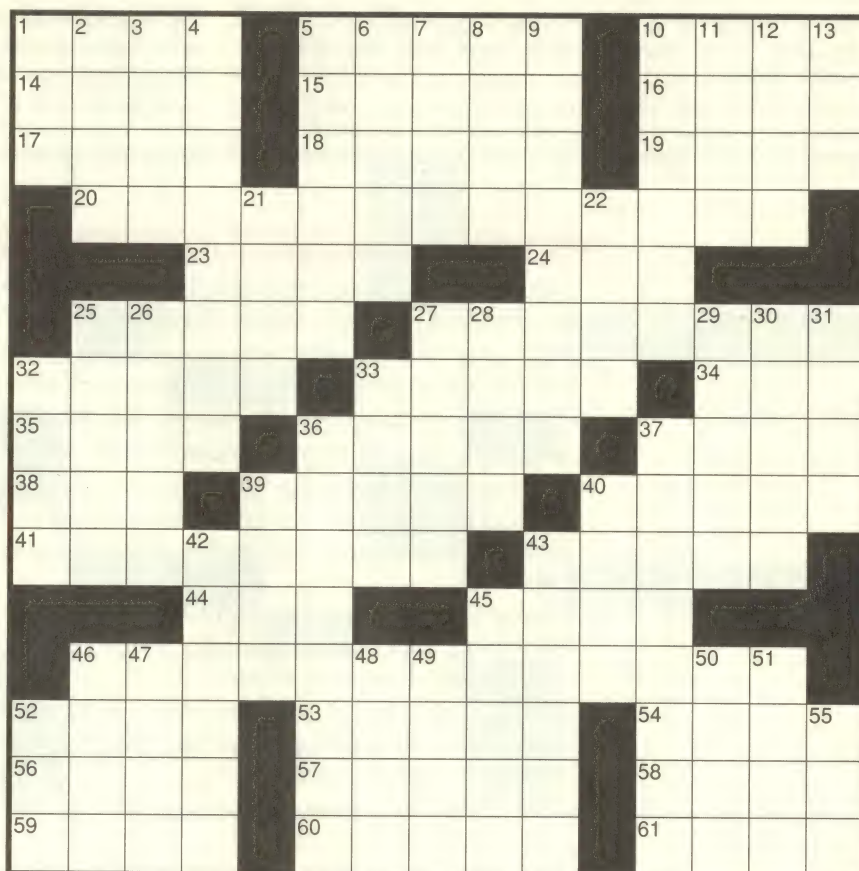
ACROSS

- 1 Like Bull on *Night Court*
- 5 Fathers, in the nursery
- 10 An unspecified quantity of
- 14 Duel tool
- 15 Idolize
- 16 Campus area
- 17 Ignoring advice
- 18 *The Godfather* group
- 19 Terrorists' guns
- 20 Couturier's annual offering: 2 wds.
- 23 "Zip-___-Doo-Dah"
- 24 Kind of phone or alarm
- 25 Will's past?
- 27 Choir singing
- 32 Laurel's partner
- 33 Short film excerpts
- 34 U.S. spy org.
- 35 "___ fair in love and war"
- 36 Fire
- 37 Healthy
- 38 "___ not choose to run": 2 wds.
- 39 He may be beside himself
- 40 Ahab's quest
- 41 Ambivalent, as a relationship
- 43 College bigwigs
- 44 Lancelot du ___
- 45 Singer Eartha
- 46 Example of 20-Across?: 2 wds.

- 52 ___ pas (social gaffe)
- 53 Pack to the future?
- 54 Manicure concern
- 56 Opposed to
- 57 "Fame" singer Cara
- 58 Sicilian volcano
- 59 Milwaukee product
- 60 Candice Bergen's dad
- 61 Funny guys

DOWN

- 1 Flower plot
- 2 Tarzan's followers
- 3 Vault
- 4 Swindles
- 5 "Out, ___ spot!"
- 6 Wise saying
- 7 Remove, as a hat
- 8 Met melody
- 9 Watercolor art?
- 10 Fidget
- 11 Anise-flavored liqueur
- 12 Large water pipe
- 13 Bradley and Begley
- 21 Without acting
- 22 Holbrook and Linden
- 25 Character sought in a series of children's books
- 26 Grigory ___ (Catherine the Great's lover)



- | | | | |
|--------------------------------|---|----------------------------|------------------------------------|
| 27 The Wright idea? | 33 Coagulate | 40 Dampens | 48 It's a bit shorter than a meter |
| 28 Garment tag info | 36 Like some formal occasions | 42 Snake oil | 49 Bit of sediment |
| 29 Arctic or Indian | 37 "___, Pussycat?" (Tom Jones hit): 2 wds. | 43 A good loser | 50 "I could ___ horse!": 2 wds. |
| 30 Deli pickles | 39 Oriental sleuth of film | 45 100 Swedish ore | 51 Join the chorus |
| 31 Harvard rival | | 46 Not missing any marbles | 52 Oxydol competitor |
| 32 Crop-damaging precipitation | | 47 Troubadour's instrument | 55 Vegas opener? |

ANSWER, PAGE 41

FOR A RAINY DAY ★★

BY BRAD FRIEDMAN

April showers have deprived us of the sun. In fact, the sun has gone out of the words below. The letters S, U, and N in that order (though not necessarily consecutively) have been

removed from each. For example, MMO would have been SUMMON originally, while TDET was STUDENT. Only very bright readers will get every OLTIO.

ANSWERS, PAGE 41

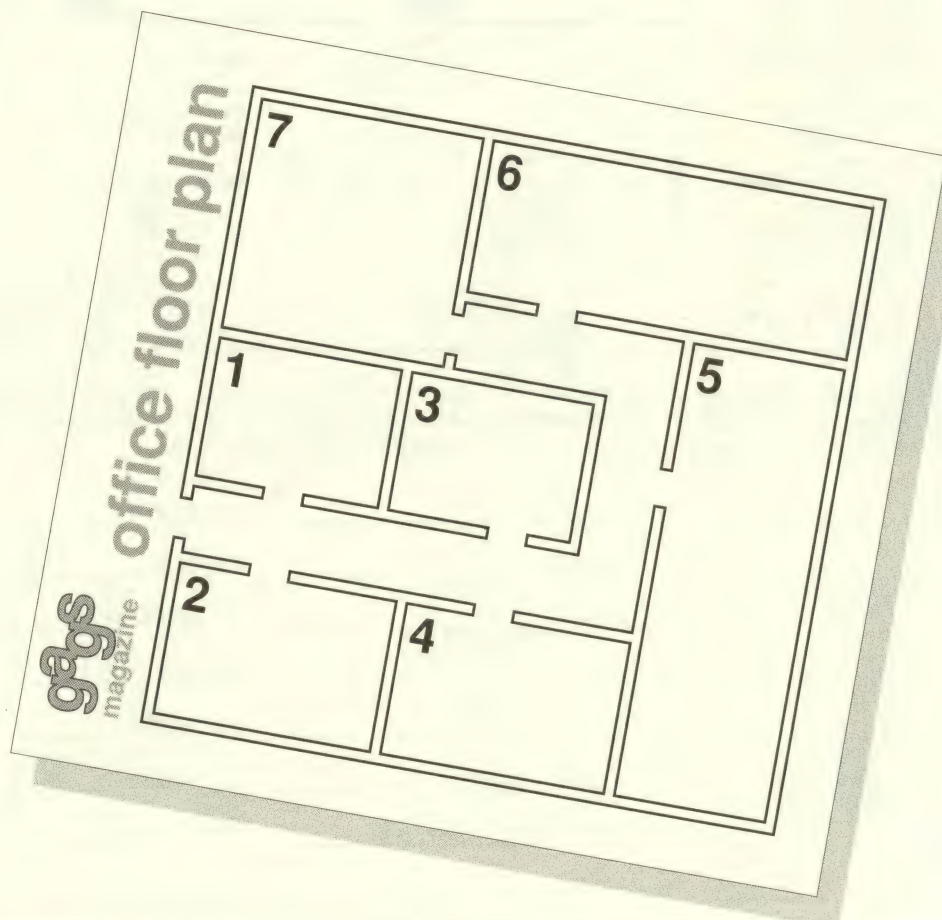
- | | | |
|-----------------|------------------|------------------|
| 1. HOTG _____ | 9. RCEO _____ | 17. ADER _____ |
| 2. EQECE _____ | 10. OTHER _____ | 18. LLE _____ |
| 3. PEDOYM _____ | 11. QADRO _____ | 19. BMARIE _____ |
| 4. EDCTIO _____ | 12. DICOT _____ | 20. QIT _____ |
| 5. AA _____ | 13. PR _____ | 21. ITATIO _____ |
| 6. CRTIY _____ | 14. OJOR _____ | 22. RAME _____ |
| 7. HOMEP _____ | 15. ATOD _____ | 23. CTIO _____ |
| 8. ACEPA _____ | 16. MACLIE _____ | 24. OVEIR _____ |

The distinguished seven-member editorial staff of *Gags Magazine* ("The Official Journal of Practical Joking") traditionally treats April 1 with the ceremony deserving of the occasion. That is to say, they play merciless pranks on each other. Last year was no exception, as the three men (Arsenio, Bertrand, and Carlos) and four women (Dorothy, Ella, Farina, and Gwen) made sure. As it happened, each of these seven editors perpetrated one prank on a colleague, and no one escaped being victimized. Given the floor plan below (showing the layout of offices numbered 1 to 7) and the following clues, can you determine each editor's office number, the prank he or she perpetrated, and the name of its victim?

ANSWER, PAGE 41

CLUES

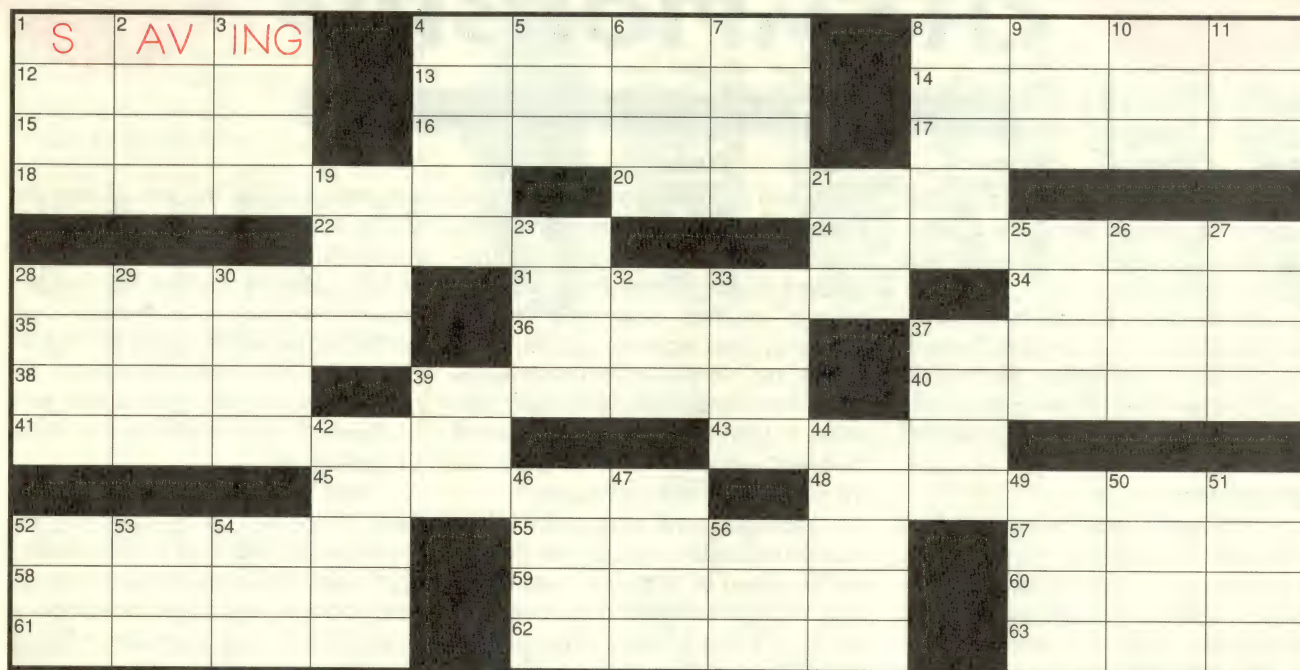
1. After he left his office and started down the hall, Arsenio passed two doors on his right before playing his trick on Farina.
2. Ella, who had a higher office number than any of the men, returned from lunch and promptly sat on a whoopee cushion.
3. Carlos had merely to walk directly across the hall in order to secretly tape shut all of his victim's desk drawers.
4. Dorothy, after leaving her office and starting down the corridor, passed two doors on her left before arriving at the office of her victim (who was busy concealing a loud-ringing alarm clock in office #2).
5. The occupant of office #5 returned from taking all the lead out of Bertrand's mechanical pencils, only to bite into a realistic-looking donut made of rubber.
6. The wet occupant of office #6, victimized for the third year in a row by a squirting pen, perpetrated upon her own victim a coffee mug with a dribbly bottom.



Solve this puzzle as you would a regular crossword except that each space may hold one, two, or three letters. The number of letters in a space is for you to determine from logic

and the crossing of words. The answer to 1-Across, S-AV-ING, has been filled in as an example.

ANSWER, PAGE 41



ACROSS

- 1 Putting money aside
- 4 Baseball's ___ Game
- 8 French spa known for its mineral water
- 12 Looked closely
- 13 Short or Sheen
- 14 Houston baseballers
- 15 Actress Dickinson
- 16 Lilylike flower
- 17 Shade trees
- 18 College in the news, May 4, 1970: 2 wds.
- 20 Seaport of eastern China
- 22 Cattle marking
- 24 Mistaken
- 28 *Breaking Away* vehicles
- 31 Hindered
- 34 Sesame or Baker
- 35 Parking lot surface
- 36 Wakens
- 37 Headgear for Astaire: 2 wds.
- 38 Geological periods
- 39 Tiara
- 40 Screwing up
- 41 Sauterne, for one: 2 wds.

- 43 Election loser
- 45 Wood colorer
- 48 Ottawa natives
- 52 Releases with little punishment: 2 wds.
- 55 Flows copiously
- 57 Assigned task
- 58 City or lake of Switzerland
- 59 Glowing
- 60 Van driver
- 61 Lightly cooked, as spaghetti: 2 wds.
- 62 Essential
- 63 Puts to rest, as fears

DOWN

- 1 Deliver a sermon, e.g.
- 2 Get even for
- 3 Food box side panel info
- 4 Grad's school: 2 wds.
- 5 Bird of the NBA
- 6 Partner of Crosby and Nash
- 7 Silver discoloration
- 8 Comfy seat: 2 wds.
- 9 Scenic view
- 10 Knight wear

- 11 Schnozzolas
- 19 NaCl: 2 wds.
- 21 Ticked off
- 23 Firewood support
- 25 Happening a single time
- 26 Extension of public services
- 27 Play's place and time
- 28 Partial
- 29 Evergreen tree
- 30 Beer, in a boilermaker
- 32 Computer accessory
- 33 Places for exalted folks
- 37 Head honcho: 2 wds.
- 39 Eye part
- 42 Unexpected, ironic event: 3 wds.
- 44 Symphonic
- 46 Infuse deeply
- 47 Scholarly
- 49 Gloomy
- 50 Untraditional book
- 51 Wanders off
- 52 Not prohibited
- 53 Be a nurse to
- 54 Commonest dice roll
- 56 Warbled

4 FIRST PRIZES
(U.S.)
A PLACE ON THE
U.S. TEAM
AT THE
1ST WORLD PUZZLE
TEAM
CHAMPIONSHIP*

1ST WORLD PUZZLE TEAM CHAMPIONSHIP

2 FIRST PRIZES
(CANADA)
A PLACE ON THE
CANADIAN TEAM
AT THE
1ST WORLD PUZZLE
TEAM
CHAMPIONSHIP*†

This June, about a month before the 25th summer Olympics in Barcelona, a different set of international games will be held in the United States.

Like the Olympics, these newer games will draw teams of champions from all over the world, and will test the competitors in a wide range of events. But unlike the Olympics, all the competition here will be mental. It is the 1st World Puzzle Team Championship.

This international contest will take place June 24-28 at New York University in New York City. It is being organized by GAMES, with the cooperation of major newspapers, magazines, puzzle publications, and publishing houses all around the world. More than a dozen teams from five continents are expected to compete.

The championship itself will consist of two days of puzzle solving, featuring a wide assortment of puzzles that are lan-

guage and culture neutral. For example, there will be Eyeball Benders, sliding-block puzzles, mazes, what's-wrong-with-this-picture? puzzles, which-picture-doesn't-belong? puzzles, scrambled comics, tangrams, time sequence puzzles, criss-crosses and word searches (using words from many languages), and many surprises. In short, it will be an "Olympics of the brain"—as much fun to *compete in* as the summer Olympics are to watch.

Each country will be represented by a four-person team. Most of the puzzles will be solved by individual team members, with points awarded for speed and accuracy. Some will require group solving, in which all the members of a team will work together to complete the challenge.

GAMES will select the four members of the U.S. team, and two members of the Canadian team†, in a 90-minute North American contest, conducted by fax, on May 9. GAMES will pay all the winners' expenses to the championship, including round-trip travel to New York City, room for four nights, and all meals and activities at the event.

If you'd like to try out for your national team—or are just interested in seeing how you'd do on the qualifying test—here's how:

- Fill out the registration form below. Be sure to include a fax number where you can be reached on Saturday, May 9. (This can be the fax for your office or school, the office of a friend or family member, your local drugstore or stationer's, etc.)

- Mail the form so that it arrives at GAMES by April 30. Enclose \$15 for the cost of contest administration.

When your registration arrives at GAMES, we will acknowledge its receipt by mail, and will give you an exact time to expect your test. This will probably be late morning or early afternoon on May 9, depending on your time zone.

At the specified time, GAMES will

simultaneously fax the test all over the U.S. and Canada. When your test arrives, you will have 90 minutes to solve as many of the puzzles as you can and fax your answer sheet back to us. Nobody is expected to solve all the puzzles on the test. The solvers from each country with the highest scores will be invited to New York to represent their nation at the World Championship.

Note: Contestants are not allowed to have outside help on the qualifying test (or at the championship, for that matter). That means: no computers, no calculators, no books, no kibitzers, no assistance of any kind from other people or things. Your answers must be entirely your own brainwork. Team members will be required to sign affidavits that they did, in fact, receive no help. GAMES reserves the right to substitute team members if, in its sole judgment, it believes the rules have been violated.

On the next page are some sample tournament puzzles, to give you an idea of what to expect. Other puzzle types will be familiar from GAMES and other publications. Some types will be created especially for this event, and thus will be unfamiliar to everyone.

Don't worry. You probably can't train for this contest. Just keep your mind nimble. Get some rest the night before the test—and have a charm handy for luck!

—Will Shortz

*All expenses paid, including round-trip travel to New York City, room for four nights, and all meals and activities at the event.

†Two of the four Canadian team members will be chosen by Canadian MENSA. For more information, contact: MENSA Canada, P.O. Box 1025, Station O, Toronto, Ont. M4A 2V4. For information about other national teams, contact GAMES.

Yes, I'd like to try the qualifying test.

Name (please print)

Street

City, State/Province

Zip/Postal Code

Fax number where you can be reached on May 9

Check one:

☐ U.S. ☐ Canada

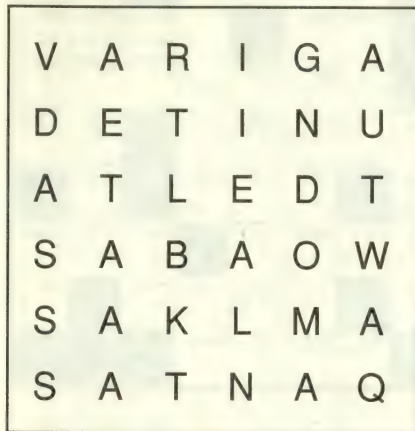
I enclose \$15 (U.S. funds only) to cover contest administration.

Mail this coupon or a facsimile to: 1st World Puzzle Team Championship, GAMES Magazine, 19 West 21st Street, New York, NY 10010. **Registrations must be received by April 30, 1992.**

The following puzzles are examples of types that may appear in the World Puzzle Team Championship. Word puzzles will use the Roman alphabet, but otherwise all the tournament challenges will be as free as possible from language and cultural biases.

1. AIR SEARCH

The names of the 9 international airlines listed below can be found in the grid, each reading in a straight line horizontally, vertically, or diagonally. When you've found them all, the leftover letters, reading from left to right and line by line, will spell the initials of another airline. What is it?



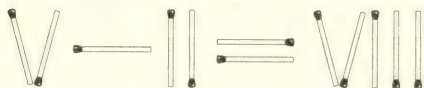
DELTA
KLM
LOT

MALEV
QANTAS
SABENA

TWA
UNITED
VARIG

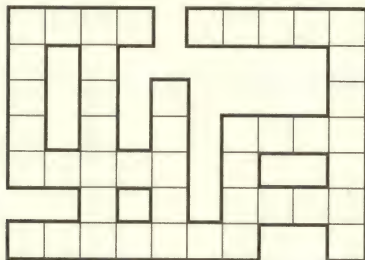
2. MATCH PLAY

Move one matchstick below to a new position in order to get a correct equation. Then replace it and move another matchstick to get another correct equation. Neither solution involves an inequality sign.



3. SPORTS CROSS

Complete the crisscross grid with the last names of the 11 international sports stars listed below. Each name may be entered either forward or backward.



Arthur ASHE
Pat CASH
Yannick NOAH
Katarina WITT
Sergei BUBKA
Mark SPITZ

Mike TYSON
Grete WAITZ
Paul AZINGER
Jimmy CONNORS
Lee TREVINO

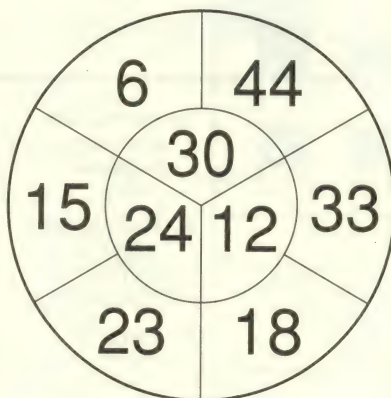
4. SILHOUETTE

Match the silhouette to the figure that made it.



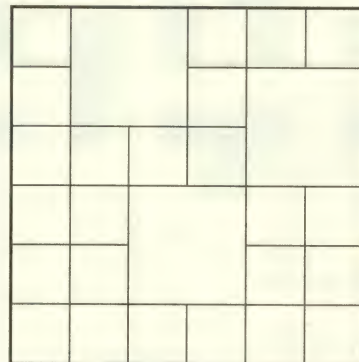
5. TARGET PRACTICE

With 4 shots, hit 4 different numbers on the target that total 100.



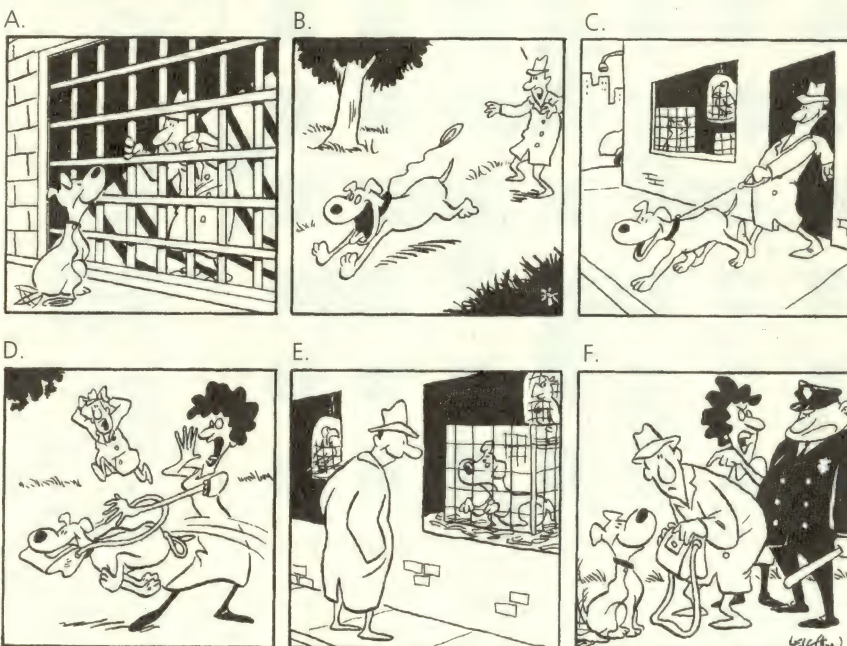
6. SQUARE DEALING

How many squares of any size can be found in this figure?



7. SCRAMBLED COMIC

In what order should the six panels go in order to complete the comic strip?

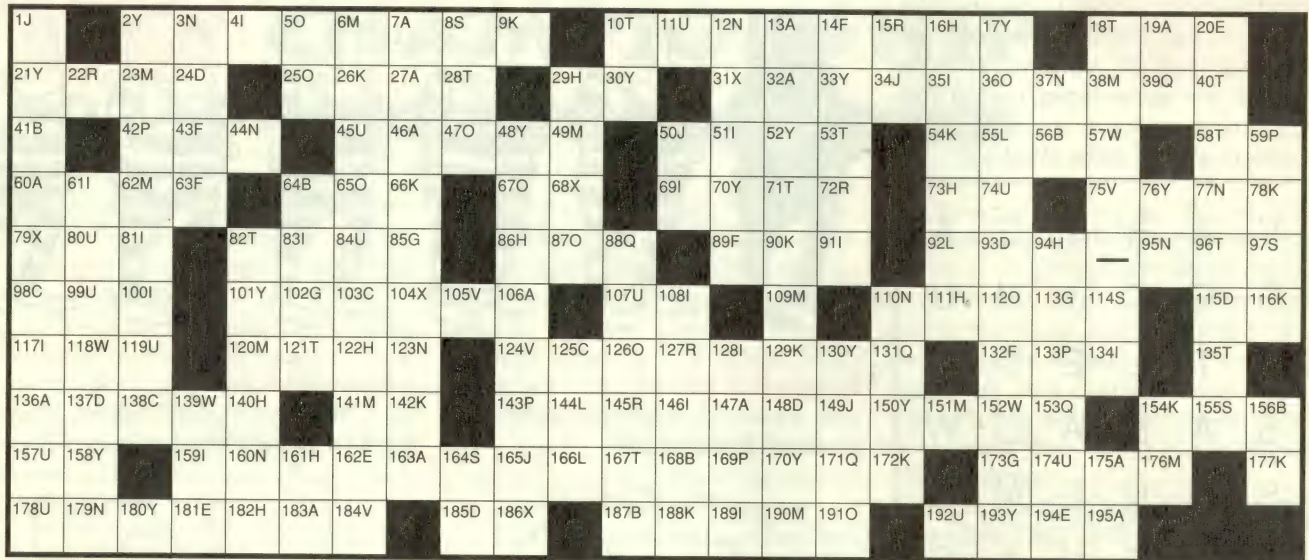


ROBERT LEIGHTON

Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading from left to right. Black squares separate

words in the quotation. Work back and forth between grid and word list to complete the puzzle. When you're done, the initial letters of the words in the word list will spell the author's name and the source of the quotation.

ANSWER, PAGE 41



- A.** Oscar-winning movie from an Avery Corman novel (3 wds.) 175 195 19 106 46 60 32 7 27 147 163 136 183 13
- B.** Quaff 168 156 64 41 187 56
- C.** Dispatched 103 125 138 98
- D.** Nominee's goal 185 24 93 137 115 148
- E.** Game of world conquest introduced in the 1950s 162 194 20 181
- F.** Like Noël Coward plays 132 43 89 63 14
- G.** Mexico City's Chapultepec or Rome's Capitoline 85 102 113 173
- H.** Book featuring the pig Napoleon as leader (2 wds.) 161 16 73 29 86 182 94 122 140 111
- I.** Pat Conroy novel made into a 1991 movie (4 wds.) 35 51 61 4 100 117 128 159 146 189 108 69 83 81 91 134
- J.** Brief period of duty 149 165 1 34 50
- K.** Doris Lessing novel of horror within the family (3 wds.) 66 116 129 142 78 177 54 90 172 154 26 188 9
- L.** Make more effective, as skills 55 92 144 166
- M.** 1988 sci-fi film and subsequent TV series (2 wds.) 23 38 141 176 190 49 109 120 151 6 62
- N.** Movie for which Jodie Foster won Best Actress (2 wds.) 123 160 179 37 77 95 3 110 12 44
- O.** Pop singer/choreographer ("Straight Up") (2 wds.) 5 112 36 25 47 126 67 191 65 87
- P.** Brainstorms 143 42 59 133 169
- Q.** There are four in a pint 153 171 39 88 131
- R.** Frequently 15 127 145 22 72
- S.** Surrenderer's cry 155 97 164 114 8
- T.** 1973 Streisand-Redford movie (4 wds.) 53 121 10 18 135 40 58 28 82 71 167 96
- U.** Former lead singer of Van Halen (3 wds.) 119 157 11 174 74 45 99 80 178 107 84 192
- V.** Bookie's calculation 105 124 75 184
- W.** However; just 139 152 118 57
- X.** Singer Helen from Melbourne 186 31 79 104 68
- Y.** 1988 Don Johnson film set in a Vermont town (3 wds.) 2 101 33 76 170 70 17 52 48 150 130 21 193 158 180 30

CRYPTIC CROSSWORDS ★★★

Each clue in a cryptic crossword contains two parts: a definition of the answer and a second description of it through wordplay. Finding the dividing point between the parts is the

key to solving. Watch for anagrams, hidden words, charades of two or more smaller words, and other language tricks. Puzzle 2 is harder than Puzzle 1.

ANSWERS, PAGE 41

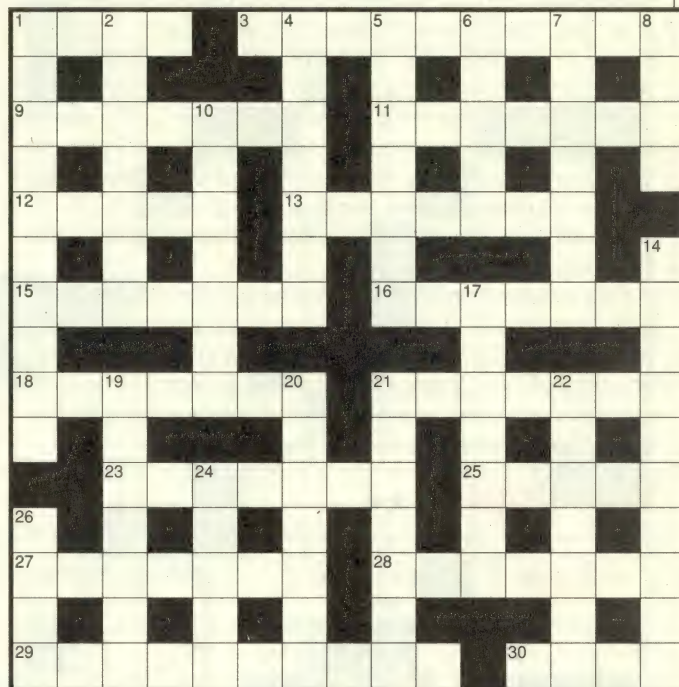
PUZZLE 1 BY EMILY COX & HENRY RATHVON

ACROSS

- 1 Bananas cast performs for the camera (4)
 3 Slow progress of *Studs in Space* (6,4)
 9 Begin keeping Long Island illuminated at night (7)
 11 Semipro breaking vow (7)
 12 Fixed siren up (5)
 13 Hors d'oeuvres, as pecan nuts (7)
 15 Boy has scheme for Scandinavian region (7)
 16 Drunkard present—nyah, nyah (2,5)
 18 Judge in Central Park with vicious dog (7)
 21 Confuses dress with French article (7)
 23 Nazi police botched postage (7)
 25 Lost article—T.S. Eliot's first article (2,3)
 27 Disbeliever near robbery (7)
 28 Chance to shoot Dad, eating heated donut (5,2)
 29 Novel characters in the Arsenio burlesque (10)
 30 Mix section of cast iron (4)
 34 Saw free from frost? (7)
 35 Rascal finishes looms (7)
 36 Sailboat in waters rising (5)
 37 A Kleenex in dispute (2,5)
 38 Still divisible by two (4)
 39 Ignited outside of almost black-and-white drawing (4,3)
 40 Put up with more quick-witted actress in *Tender Mercies* (4,6)
 41 Whirlwind ripped a perm (7)
 42 VIP racist keeps quiet (3,4)
 43 Nuke's unstable creator (7)
 44 Adoring follower capsized pirogue (7)

DOWN

- 1 Wild saturnalia from Down Under (10)
 2 Rips Pasteur apart (5,2)

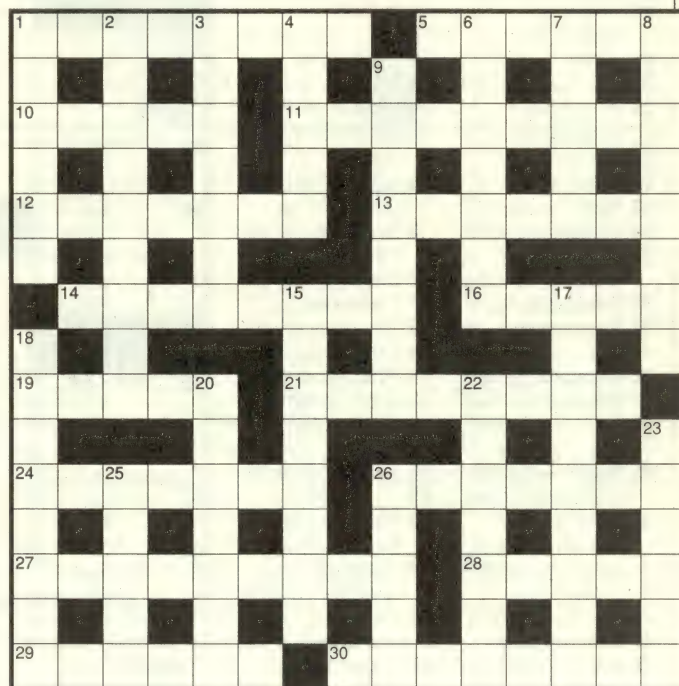


- 22 Be aggressive with the Spanish yell (4,3)
 24 Sub's first desire: good basketball shot (5)
 26 Georgia and Louisiana party (4)

PUZZLE 2 BY FRASER SIMPSON

ACROSS

- 1 Clear away wood for steed to play around (8)
 5 I am returning appliance company's pictures (6)
 10 Splits leather leggings (5)
 11 Less spiritual, Orr willed changes (9)
 12 Timid ones ringing Doc about unscrambling device (7)
 13 Straighten up after Uganda's leader left after dinner? (7)
 14 Dog developed real idea (8)
 16 Motorbike was blue (5)
 19 Fat round bees squashed (5)
 21 Father camped with a license (8)
 24 Hold back umpire at shower (7)
 26 Christian doctors exhibit in science museum (7)
 27 Hurried back to share tale (9)
 28 Subject, for example, in tall tale (5)
 29 Unusually large shock absorber (6)
 30 High-pitched voice failing before a large fight (8)
 34 Drain seamstress (5)
 36 Test dimmer switches around end of August (7)
 37 Feeling of blame, reportedly wearing a bright coat? (5)
 38 Song needs ear training (8)
 39 Aren't holding stick fight (8)
 40 Death appearing in photos after wire service added stuff (8)
 41 Pacino filling hamper in *Vogue*? (9)
 42 Bash or knock over rotating handle (8)
 43 Foreman at excavation covering spring (7)
 44 Pasta: after the third of January, lots (7)
 45 Choose some of homemade cider (6)
 46 Local license for marketing man's kept by European nation (9)
 47 Remainder payable after rise is totaled (7)
 48 Stare at lad not finishing summerhouse (6)
 49 Tax document about college meeting place (5)
 50 Singer Summer rejected an agreement (5)



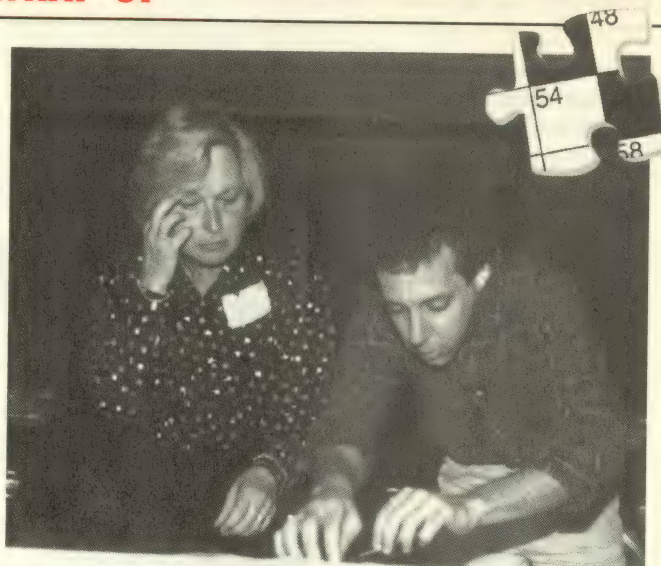
1991 CROSSWORD TOURNAMENT WRAP-UP

In most sports, 35 is over the hill, and 45 is old enough for you to be in the Hall of Fame.

But Doug Hoylman, an actuary from Chevy Chase, Maryland, is still at the peak of his game at 48. He won two of the three major 1991 crossword puzzle tournaments—the Long Island and North Jersey Opens. Jon Delfin, just 36, a pianist/singer from New York City, won the other contest, the American Crossword Puzzle Tournament in Stamford, Connecticut. It was the third consecutive year Delfin won in Stamford. On the lower end of the age spectrum: 23-year-old Trip Payne, of Atlanta, finished third at Long Island, the youngest contestant ever to place so high.

The winners' secrets: quick reflexes, mental agility, and a large stock of trivia.

Four puzzles from the tournaments appear on this and the next three pages. (The puzzles from North Jersey and Long Island were edited by Stanley Newman and are reprinted by courtesy of Dell Champion puzzle magazines.) Time limits are provided in case you'd like to race. Average solving times and winners' times appear with the answers.



Marilynn Huret and winner Jon Delfin were one of many teams competing to solve a combined jigsaw/crossword puzzle at the Stamford tournament.

DON CHRISTENSEN

WET BODIES ★★

BY MIKE SHENK

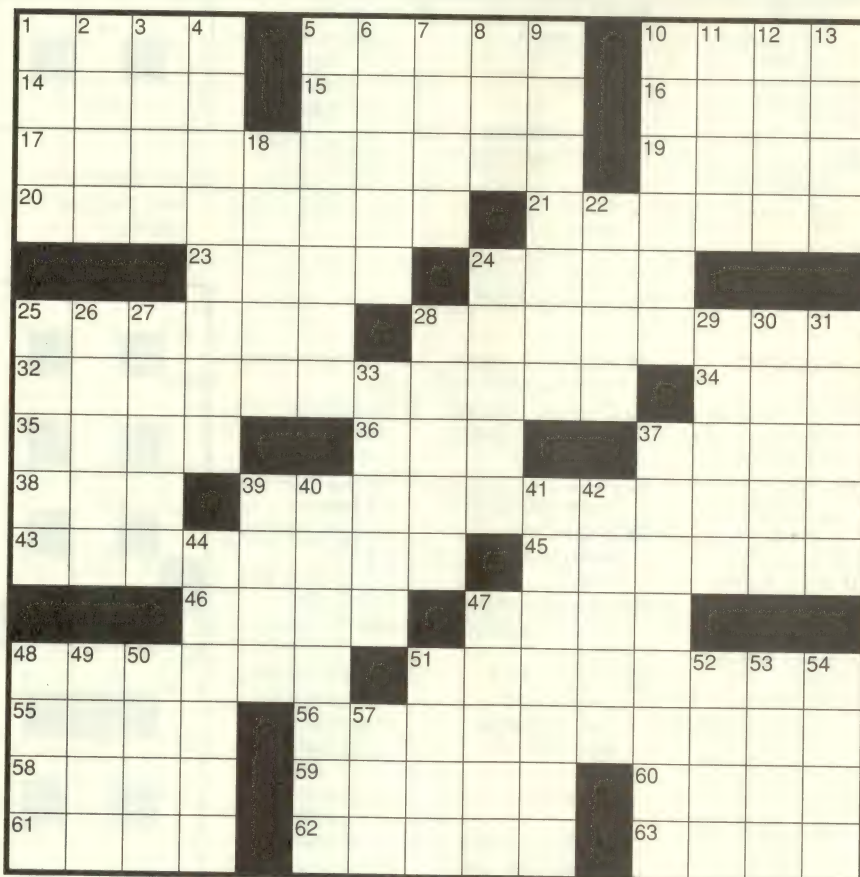
ACROSS

- 1 Ticked off
- 5 *Ars* ___, *vita brevis*
- 10 Fisheye, for one
- 14 ___ at the Races
- 15 In the vicinity of
- 16 Door sign
- 17 Delta location
- 19 *Peter Pan* pooch
- 20 Rocks in nightclubs?
- 21 Gofer
- 23 Change for a five
- 24 Pool table surface
- 25 Popeye, e.g.
- 28 VIPs
- 32 Inlet
- 34 Wood shop tool
- 35 Amphitheater level
- 36 Ames and Asner
- 37 Peasant skirt, e.g.
- 38 Olympics jersey initials
- 39 New York resort site
- 43 English seaport and pirate base
- 45 *Enigma Variations* composer and family
- 46 *Dies* ___ (hymn)
- 47 Extend across
- 48 IDs for the men in blue
- 51 Coffee-rum liqueur
- 55 Whole range
- 56 Upper tributaries

- 58 Wise Jedi teacher
- 59 Like one old bucket of song
- 60 Make fit for broadcast
- 61 Freeway traffic byproduct
- 62 Lock
- 63 Fair

DOWN

- 1 Rani's wrap
- 2 Of lyric poetry
- 3 ★★★★★ review
- 4 Driver's license datum
- 5 Luminance unit
- 6 Symphony members
- 7 *Entre* ___
- 8 Instinctual
- 9 Gym dandy
- 10 Extent
- 11 Final, for one
- 12 Ship captained by Vicente Pinzón
- 13 Sax star Getz
- 18 ___ the mill
- 22 The Adamsons' lion
- 24 *Cabaret* director
- 25 Became interested
- 26 Come into existence
- 27 "You know what ___"
- 28 Maze wall, perhaps



STAMFORD

15 MINUTES

ANSWER, PAGE 42

- 29 Tennoji Park setting
- 30 Man with many duties?
- 31 Reuben cheese
- 33 Therefore

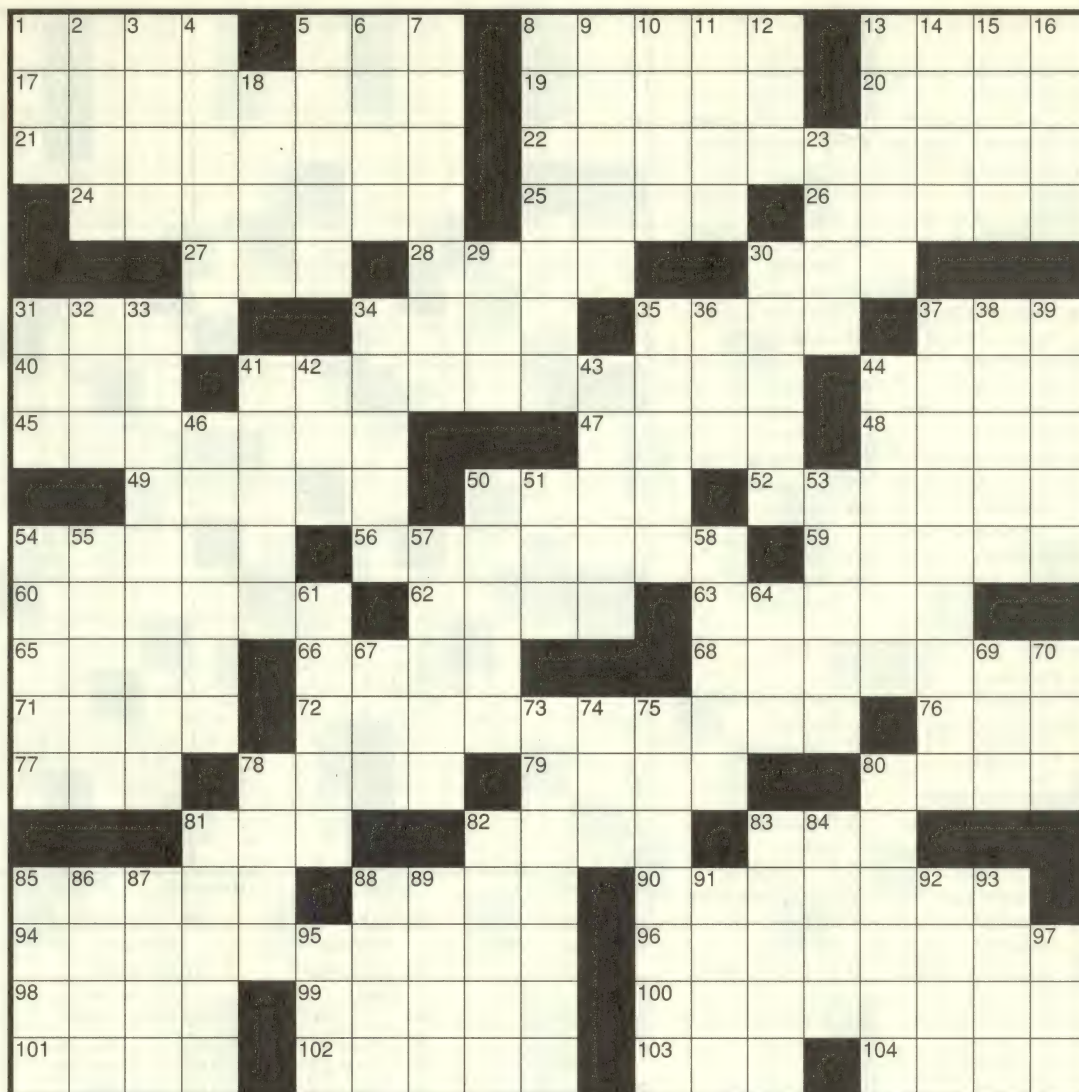
- 37 Business barons
- 39 Taxi patron
- 40 Without hesitation
- 41 Puts back into hock
- 42 Incan transport

- 44 Follow a slalom course
- 47 Is partisan
- 48 Howls at the moon
- 49 Molecular component

- 50 Dullard
- 51 Film shot
- 52 Give a makeover
- 53 Crocus' kin
- 54 Concerning
- 57 Audience

ACROSS

- 1 G.I. hangouts
- 5 European peak
- 8 No longer fresh
- 13 No longer a frosh
- 17 Newcomer
- 19 Elliott of *Get a Life*
- 20 Baker's predecessor
- 21 Aquarium inhabitant
- 22 It's better than none?
- 24 Orrery representations
- 25 *Quod* ____ *demonstrandum*
- 26 Decathlon unit
- 27 Sturgeon eggs
- 28 Duration
- 30 W.C.'s costar in *My Little Chickadee*
- 31 "Waterloo" rock group
- 34 Solitary
- 35 Auto decoration
- 37 "Minnie the Moocher" name
- 40 Contemporary prefix
- 41 Unknowing look?
- 44 Unadorned
- 45 Blow to smithereens
- 47 Sybarite's delight
- 48 Erupter of '83
- 49 Excel
- 50 Shocking swimmers
- 52 Moved quickly
- 54 Surveillance
- 56 Curled lock
- 59 Fancy dances
- 60 Film festival locale
- 62 Fifth-brightest star
- 63 More than sore
- 65 Awestruck
- 66 Stylist's specialty
- 68 Quadriceps neighbor
- 71 Guns the motor
- 72 Unique?
- 76 Multi-vol. lexicon
- 77 Pharmaceutical agcy.
- 78 Trap material
- 79 Congregation's response
- 80 Brought to maturity



LONG ISLAND

30 MINUTES

ANSWER, PAGE 42

DOWN

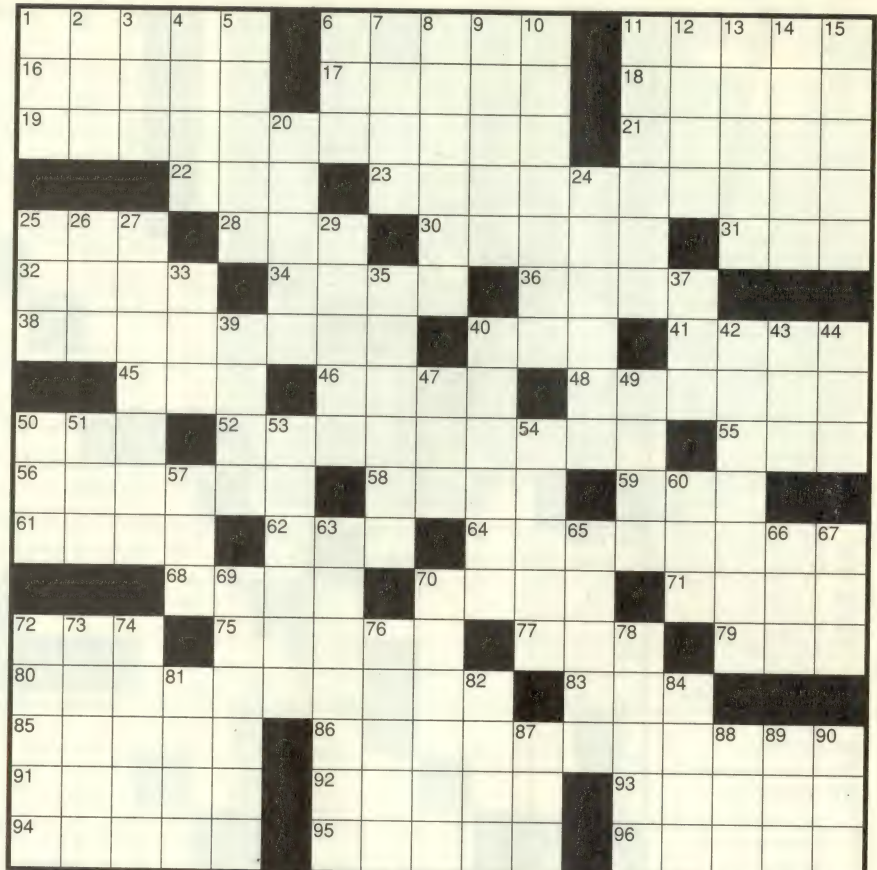
- 81 Bran source
- 82 Bartlett's notation
- 83 Sen. Simon's state
- 85 Show skepticism
- 88 Bash thrower
- 90 Ballerina Makarova
- 94 Lunchroom?
- 96 Rhodium and sodium
- 98 Spur
- 99 Swamp grasses
- 100 Mad
- 101 Cherished
- 102 Kirstie of *Cheers*
- 103 One way to vote
- 104 ____ of the Desert (Laurel and Hardy's lodge)
- 15 Architectural drawing
- 16 Weight
- 18 Something taboo
- 23 Paper package
- 29 Printer's purchase
- 30 Stuck
- 31 &
- 32 Honey handler
- 33 Latin dance?
- 34 Paint coat
- 35 Harass
- 36 Home: Abbr.
- 37 Mail-order book?
- 38 Synthetic fiber
- 39 Necklace components
- 41 Pickling liquid
- 42 Chaney, Jr. or Sr.
- 43 "I cannot ____ lie"
- 44 Give a tongue-lashing to
- 46 Beach footwear
- 50 January, in Juarez
- 51 Silly Putty holder
- 53 Let up
- 54 Muffler
- 55 Beeped, perhaps
- 57 Vine-covered, as walls
- 58 Short-range basketball score
- 61 Sty baby
- 64 Took off
- 67 Actress Jillian
- 69 Commander at Antietam
- 70 Tack on
- 73 Tolkien genre
- 74 I love: Lat.
- 75 PT 109 subject
- 78 Umpire's call
- 80 Gracie and Woody
- 81 Negotiation proposal
- 82 Out of the way
- 83 News reports
- 84 Metallic fabric
- 85 Mideast missile
- 86 Close attention
- 87 Gymnast Korbut
- 88 Cad
- 89 Pitcher Hershiser
- 91 Nautical course
- 92 Obsessed with
- 93 "... o'clock scholar"
- 95 Singing syllable
- 97 Sixties protest grp.

ACROSS

- 1 Drunk as a skunk
6 Flip out
11 Crest competitor
16 Opossum relative
17 Beethoven dedicatee
18 Fresh, as a complexion
19 Food fight weapon?
21 Western Alaskan
22 Apollo vehicle
23 Food fight weapon?
25 The U.S. banned it in '72
28 Road warning
30 Talk show tycoon
31 Leavenworth and Lombard, in S.F.
32 "The future's not ____ to see"
34 Discard, so to speak
36 Prefix for "while"
38 Food fight weapon?
40 Sargasso Sea swimmer
41 Related
45 Mentalist Geller
46 Ho Chi Minh Trail country
48 Curtain part
50 *Dragnet* alert
52 Food fight weapon?
55 *King Kong* studio
56 Surroundings
58 British tragedian
59 Sink down
61 Risky business, for short
62 Drive up the wall
64 Food fight weapon?
68 Meryl Streep's alma mater
- 70 Dr. Schick
71 Ike's ex
72 ____ soda (Na_2CO_3)
75 Incredible mess
77 No man's land: Abbr.
79 Seuss's stubborn stander
80 Food fight weapon?
83 Panhandle
85 Start for "state"
86 Food fight weapon?
91 Put away
92 Ball-shaped cheeses
93 *Secrets of Polar* Travel author
94 Pelleted precipitation
95 Gift getter
96 Object of nostalgia

DOWN

- 1 Sanctions
2 Marker
3 Time delay
4 Ben-Gurion Airport client
5 Pressed one's luck
6 Masterpiece
7 Norwegian saint
8 Some computers
9 Invite into one's apartment
10 Brando film of '54
11 Flip-chart art
12 Doozy
13 Anthony and Barbara
14 Chemical extract
15 Bulfinch's bag
20 Mormon Church founder



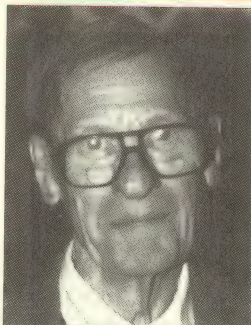
NORTH JERSEY

20 MINUTES

ANSWER, PAGE 42

- 24 *WKRP* in Cincinnati ad salesman
25 Savage of sci-fi
26 Twosome
27 Tune from *The Music Man*
29 French soldier
33 Camera, initially
35 Porky's pal
37 License plate
39 Rub (off)
40 Kind of clause
42 Kazakhstan neighbor
43 Lithography need
44 ____ Dinh Diem
47 Extolling verse
49 Office furniture
50 Pre-lunch times: Abbr.
51 *Great Expectations* character
53 Ban
54 "There was ____ woman ..."
57 Cool and refreshing
60 False show
63 Thought (to be)
65 Sly character
66 *Strangers* ____ Train
67 Mars's opposite
69 Obliquely
70 Kramden, for one
72 The ether
73 Historical record
74 Kurt Weill's wife
76 *Lord of the Rings* hero
78 Herbert Marx
81 Woodlands Indian
82 Vapid
84 Manx, e.g.
87 Mao ____-tung
88 Woebegone
89 Part of TNT
90 Pinkerton's logo

TOURNAMENT GALLERY



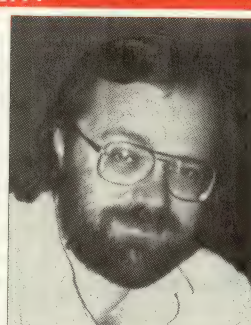
Will Weng, editor for the Crosswords Club and former puzzle editor for *The New York Times*, presented the awards at Stamford.



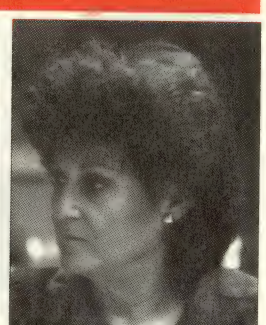
Maura Jacobson, whose puzzles appear in *New York* magazine, has created a puzzle for—and been a judge at—Stamford for all 14 years.



Donna Stone is a crossword constructor and dachshund enthusiast from the Buffalo area. She created the puzzle on the next page.



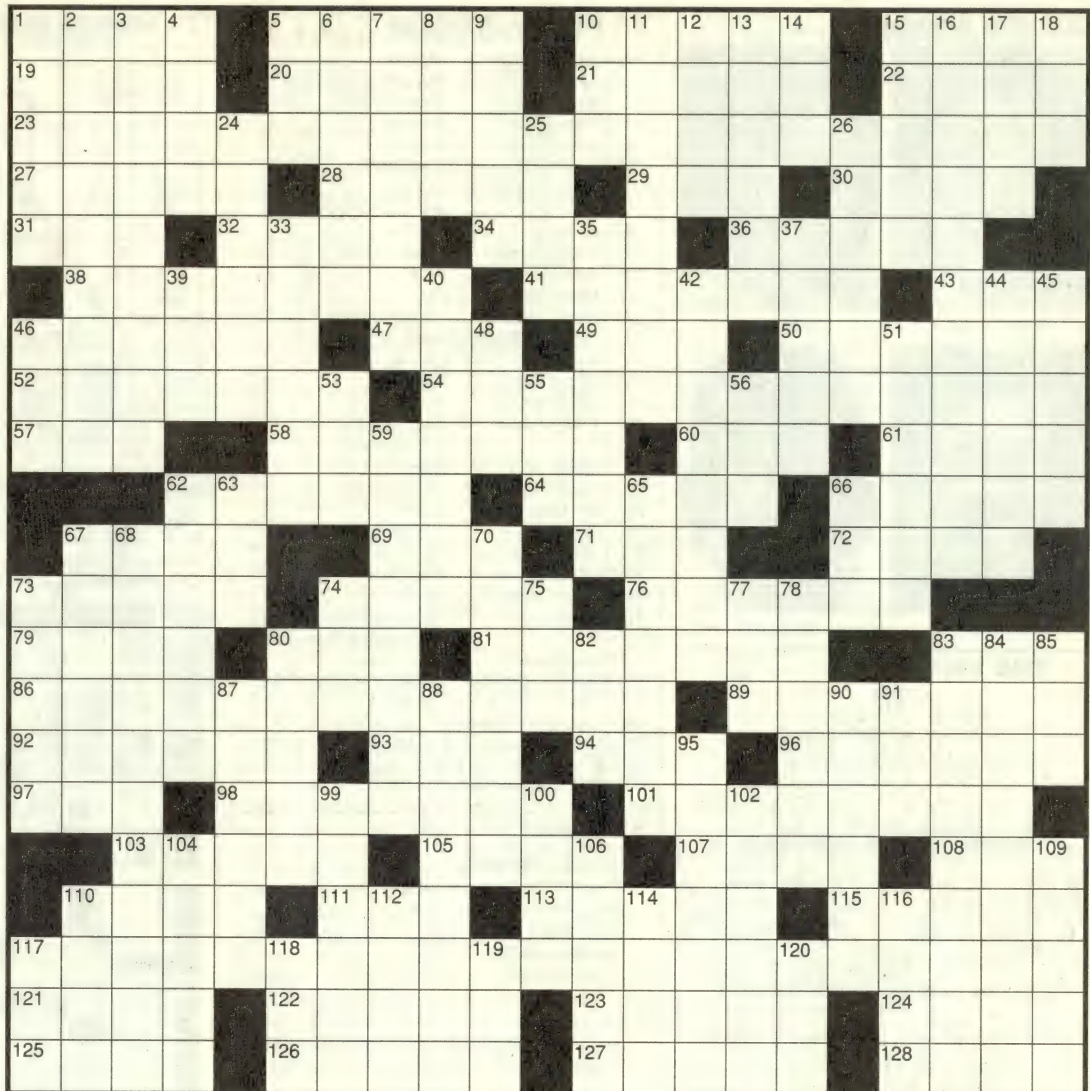
Merl Reagle, author of the Sunday *San Francisco Examiner* crossword, produces some of the trickiest (and funniest) tournament puzzles.



Nancy Schuster, editor-in-chief of *Dell Champion* puzzle magazines, won the first modern American crossword tournament in 1978. She now officiates.

ACROSS

- 1 Abbr. of old Rome
 5 Triumphs over
 10 Nebbish
 15 Normandy battle site
 19 Grimace
 20 Pay the bill
 21 Actress Anouk
 22 January event
 23 Start of a remark by humorist Troy Dickson
 27 Resulted in
 28 Traveler's guide
 29 Ike's WW2 domain
 30 Holds the deed
 31 Botch up
 32 "Kiss me" lady
 34 Propaganda, usually
 36 Pledged?
 38 Press prize
 41 1979 Caine/Ustinov film
 43 Multi-vol. set
 46 Skiing style
 47 Fill in (for)
 49 Tyke
 50 Actress Marcovicci
 52 Smears
 54 Remark, Part 2
 57 Senate vote
 58 Avant-garde
 60 Kauai keepsake
 61 Architect Saarinen
 62 Remembrance of Things Past narrator
 64 Frighten from doing
 66 Picnic area, perhaps
 67 Went "ptui"
 69 Deighton or Cariou
 71 Dog command
 72 Film's Ray
 73 Famed futurologist
 74 Ababa
 76 Sheridan's *The* _____
 79 "What's _____ for me?"
 80 _____ *Poetica*
 81 Otitis symptom
 83 Poly _____ (coll. major)
 86 Remark, Part 3
 89 Orchard grower
 92 Set straight
 93 Quick solution?
 94 Rock's _____ Leppard
 96 Perfectly pitched?



STAMFORD

45 MINUTES

ANSWER, PAGE 42

- 97 Inform (on)
 98 Less refined
 101 Some convertibles
 103 "Read _____ weep"
 105 Carpenter's fastener
 107 Golden or slide, e.g.
 108 Word before a hike?
 110 Eggy?
 111 TWA info
 113 Diamond surface
 115 Western neck-tie?
 117 Remark, Part 4
 121 Nelson's river
 122 Nero's instrument
 123 Beethoven wrote just one
 124 "No man _____ island"

- 125 F.A.O. Schwarz stock
 126 Zaire, formerly
 127 Belief
 128 Monocle

DOWN

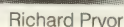
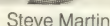
- 1 Face lift?
 2 Bold political maneuver
 3 Double double
 4 Take ten
 5 A/C measure
 6 Not authentic
 7 Couches' kin
 8 Like Magic?
 9 Appropriate
 10 Pine product
 11 Port site
 12 Time's up!
 13 Fame
 14 TV's Mrs. Al Bundy
 15 Vermont resort
 16 Storm warning

- 17 Miss
 18 Be behind, in a way
 24 Not serious
 25 China setting
 26 Contaminants
 33 Lend Me _____ (Ludwig play)
 35 Noblemen's homes
 37 Early video-game giant
 39 Roman deck count?
 40 Sounded like a subway
 42 Fit
 44 _____-well
 45 Paddle boat
 46 Docs' org.
 48 Hum bug?
 51 Abides
 53 Noncom
 55 Smidgen
 56 "_____ the land of the free ..."

- 59 Amazonite or moonstone
 62 Bogart role
 63 Feasted
 65 Philippics
 66 Guy's friend
 67 Latin lady
 68 How Grandma painted?
 70 Weekly rating
 73 Sun screen
 74 "We _____ the World"
 75 Actor Mineo
 77 Channels 2-13
 78 It's receptive to TV
 80 "Goldengirl" Susan
 82 Ruby or garnet
 83 Stallion
 84 Decennial nose counter
 85 Wrath
 87 Available, as a doctor

- 88 Discombobulated
 90 Straighten
 91 Suffix with social or suburban
 95 Labor leaders?
 99 Ballet pas de deux
 100 Dog's bark
 102 Today, yesterday
 104 Nixon's downfall
 106 Gypsy's card
 109 High schoolers
 110 Columbus's home
 112 Stable color
 114 Handle successfully
 116 Trompe l'_____
 117 Explosive
 118 It's always found in bars
 119 Also
 120 A Turner

Billy Crystal



The position of the first letter and the direction the answer goes in is given for each word:

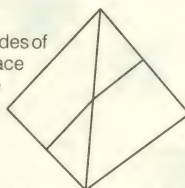
AMERICA: row 1, column 7, south
BOSTON: row 17, column 17, northeast
COLONY: row 9, column 17, north
ESSAYS: row 12, column 5, east
GEORGE: row 17, column 5, north
IDEALS: row 5, column 7, west
KEY: row 17, column 1, east
KITE: row 1, column 17, southwest
LAWS: row 3, column 12, west
LIGHTNING: row 17, column 13, west
LONDON: row 17, column 13, north
MILITIA: row 7, column 1, northeast
NATION: row 12, column 22, west
NEWS: row 12, column 13, west
PHILOSOPHY: row 8, column 3, south
POET: row 8, column 3, east
POOR: row 7, column 9, east
PRINT: row 13, column 9, south
REVERE: row 3, column 14, south
ROYAL: row 7, column 12, north
STAMP ACT: row 3, column 9, south
STOVE: row 10, column 5, southwest
UNION: row 8, column 21, southwest
VIRGINIA: row 17, column 15, north
YORKTOWN: row 1, column 19, south

1. Anita Bryant	Florida orange juice
2. Sandy Duncan	Wheat Thins
3. June Allyson	Depend
4. Jaclyn Smith	K-Mart
5. Ray Charles	Diet Pepsi
6. Annette Funicello	Skippy
7. Bill Cosby	Jell-O <i>and</i> Kodak
8. Jay Leno	Doritos
9. Wilford Brimley	Quaker Oats
10. Lorne Greene	Alpo
11. Merlin Olsen	FTD
12. Tommy Lasorda	Ultra Slim-Fast
13. Angela Lansbury	Bufferin
14. Billy Dee Williams	Colt 45
15. Martha Raye	Polident
16. O.J. Simpson	Hertz
17. Ed McMahon	American Family Publishers
18. Robert Urich	Bayer
19. Orson Welles	Paul Masson
20. Tom Bosley	Glad
21. Bart Simpson	Butterfinger
22. Candice Bergen	US Sprint
23. Ella Fitzgerald	Memorex
24. Cliff Robertson	AT&T
25. Karl Malden	American Express

26. John Madden Ace Hardware
27. Kathie Lee Gifford Carnival and Ultra Slim-Fast

Photo credits: Ohlinger's: 1, 6, 7, 9, 10, 11, 15, 16, 17, 20, 21, 26; Movie Star News: 2, 3, 4, 5, 8, 13, 14, 18, 19, 22, 24, 25, 27; L.A. Dodgers, Inc.: 12; Salle Productions, Inc.: 23

Place the two square sides of the pieces face to face and rotate one of the pieces until the pyramid is formed.



(Pop-out design from the book *3D Puzzles* by Alan Robbins)

P	E	D	R	O			A	T	A		W	O	E	S
O	C	E	A	N	S		C	A	R		O	N	T	O
T	H	E	G	O	O	D	H	U	M	O	R	M	A	N
S	O	P				I	R	E			O	W	L	E
			F	A	L	L		B	R	E	D			
F	E	R	R	I	S		G	R	I	D		S	E	C
A	T	E	A	M			K	L	E	E			T	E
T	H	E	B	A	D	N	E	W	S		B	E	A	R
S	E	Z				W	I	N	S			A	R	N
O	R	E			P	I	T	S		A	B	I	D	E
				P	A	N	S		F	L	E	E	S	
S	T	R	A	N	D		O	L	E			F	I	E
T	H	E	U	G	L	Y	D							
E	O	N	S			E	E	E		S	I	E	R	R
M	U	T	E			D	A	S				D	O	M

F		T		A		P	
L	I	T	T	L	E	S	H
D	R	A	I	N	E	N	E
D	O	U	B	L	E	P	A
L	U	G	A		H	I	S
T	E	T	H	E	R	A	R
R	T	A	G	N		I	A
P	O	P		S	E	N	T
N	E	X	T		D	O	O
T	R	E	E		S	M	A
H	U	R	R		O	R	E
E	O		I	F	E	E	L
T	R	I	X	I	E		T
O	N	I	T		S	H	R
O	F	N	O		T	E	A
F	O	G		L	E	A	P
W	E	S	T		S	I	D
N	E	E	D	S		R	
D	A	N		F	A	D	E
E	N	T	R	E	E		E
A	C	H	O	R	U	S	L
R	E	S	T		I	N	S

RITA RUDNER: "I want to have children while my parents are still young enough to take care of them."

EMO PHILIPS: "I caught my girlfriend in bed with another guy. I was crushed. I said, 'Get off me, you two.'"

CAROL LEIFER: "I'm not into exercising. Basically, my theory is, 'No pain, ha!—no pain.' "

RODNEY DANGERFIELD: "My wife and I were happy for twenty years. Then we met."

RICHARD LEWIS: "I'm paranoid about everything. On my stationary bicycle I have a rearview mirror."

STEVEN WRIGHT: "I went to a restaurant that advertised 'Breakfast Any Time.' So I ordered French toast in the Renaissance."

YAKOV SMIRNOFF: "The first time I went to an American restaurant, they asked, 'How many are in your party?' I said, 'Two million.' "

ROSEANNE ARNOLD: "The day I worry about cleaning my house is the day Sears comes out with a riding vacuum cleaner."

GARRY SHANDLING: "They should put expiration dates on clothes so we would know when they go out of style."

PAUL PROVENZA: "I know the Chinese Year of the Horse is almost over, yet I keep writing Snake on all my checks."

28 BALLPARK FIGURES

1. Pinch hitter
2. Double play
3. Screwball
4. Bulpen
5. Sacrifice fly
6. Full count
7. Foul tip (fowl tip)
8. Relief pitcher
9. Stolen base (stolen bass)
10. Grand slam
11. On-deck circle
12. Strike zone

29 STYLE WITH A TWIST

B	A	L	D	D	A	D	A	S	S	O	M	E
E	P	E	E	A	D	O	R	E	Q	U	A	D
D	E	A	F	M	A	F	I	A	U	Z	I	S
S	P	R	I	N	G	F	A	S	H	I	O	N
A	D	E	E	C	A	R						
W	O	U	L	D	P	S	A	L	M	O	D	Y
H	A	R	D	Y	C	L	I	P	S	C	I	A
A	L	L	S	B	L	A	Z	E	W	E	L	L
I	D	O	C	L	O	N	E	W	H	A	L	E
L	O	V	E	H	A	T	E	D	E	A	N	S
L	A	C	K	I	T	T						
S	L	I	N	K	Y	D	R	E	S	S	E	S
F	A	U	X	T	A	R	O	T	N	A	I	L
A	N	T	I	I	R	E	N	E	E	T	N	A
B	E	E	R	E	D	G	A	R	W	A	G	S

34 DOUBLE CROSS

- | | |
|------------------------|-----------------------|
| A. KRAMER VS. KRAMER | N. THE ACCUSED |
| B. IMBIBE | O. PAULA ABDUL |
| C. SENT | P. IDEAS |
| D. OFFICE | Q. GILLS |
| E. RISK | R. OFTEN |
| F. WITTY | S. UNCLE |
| G. HILL | T. THE WAY WE WERE |
| H. ANIMAL FARM | U. DAVID LEE ROTH |
| I. THE PRINCE OF TIDES | V. ODDS |
| J. STINT | W. ONLY |
| K. THE FIFTH CHILD | X. REDDY |
| L. HONE | Y. SWEET HEARTS DANCE |
| M. ALIEN NATION | |

I [supposed] everyone was deaf like me. Eventually I did learn that they weren't, but by then I'd decided, with all the off-center wisdom of a small child, that deafness was a minor if interesting human characteristic, like freckles [or] blond hair. —(Henry) Kisor, *What's That Pig Outdoors?*

31 ONE, TWO, THREE

S	A	V	I	N	G			A	L	L	S	T	A	R		E	V	I	A	N					
P	E	E	R	E	D			M	A	R	T	I	N			A	S	T	R	O	S				
A	N	G	I	E				A	M	A	R	Y	L	L	I	S	S	A	M	O	R	E	S		
K	E	N	T	S	T	A	T	E			S	H	A	N	G	H	A								
						B	R	A	N	D						E	R	R	O	N	E	O	U	S	
B	I	C	Y	C	L	E	S				I	M	P	E	D	E		S	T	R	E	E	T		
A	S	P	H	A	L	T					R	O	U	S	E	S		T	O	P	H	A	T		
E	R	A	S					C	O	R	O	N	E	T				B	O	T	C	H	I	N	G
D	E	S	S	E	R	T	W	I	N	E					A	L	S	O	R	A	N				
						S	T	A			I	N	E	R			C	A	N	A	D	I	A	N	S
L	E	T	S	O	F	F					G	U	S	H	E	S		S	T	I	N	T			
G	E	N	E	V	A						R	A	D	I	A	N	T		M	O	V	E	R		
A	L	D	E	N	T	E					I	N	T	E	G	R	A	L		A	L	A	Y	S	

29 FOR A RAINY DAY

- | | |
|--------------|---------------|
| 1. Shotgun | 13. Spurn |
| 2. Sequence | 14. Sojourn |
| 3. Pseudonym | 15. Astound |
| 4. Seduction | 16. Masculine |
| 5. Sauna | 17. Asunder |
| 6. Scrutiny | 18. Sullen |
| 7. Homespun | 19. Submarine |
| 8. Saucepan | 20. Squint |
| 9. Surgeon | 21. Situation |
| 10. Southern | 22. Surname |
| 11. Squadron | 23. Suction |
| 12. Discount | 24. Souvenir |

30 TRICKY BUSINESS

Farina was in office #6 or #7 (clue 1), as was Dorothy (clue 4). Ella, the whoopee cushion victim, was in an office at least as high as #4 (clue 2); it wasn't #6 or #7 (since Farina and Dorothy occupied those) or #5 (since, from clue 5, its occupant was the donut victim); so Ella was in office #4. Since the men had office numbers lower than Ella's, office #5 must have been Gwen's. Carlos, the drawer-taper, was in #1, #2, or #3 (clue 3). But opposite #3 was Ella, the whoopee cushion victim; and opposite #1, in #2, was the alarm clock victim (clue 4). So Carlos occupied #2 and victimized the occupant of #1. If Dorothy had been in #6, she'd have victimized the occupant of #1 or #2; but Carlos victimized the occupant of #1, and Dorothy's own victim took care of the occupant of #2 (clue 4). So Dorothy occupied #7 and victimized the occupant of #3 or #4, making Farina the occupant of #6. Arsenio must have occupied #1 (clue 1), and by elimination Bertrand occupied #3. Since Bertrand was the victim of Ella's pencil sabotage (clue 5), Dorothy must have given Ella the whoopee cushion in #4. Farina, Arsenio's squirting pen victim (clue 6), gave the dribble mug to Dorothy. By elimination, Bertrand was the supplier of Gwen's rubber donut.

In summary:

Arsenio (office #1) gave Farina a squirting pen. Carlos (#2) taped Arsenio's drawers shut. Bertrand (#3) gave Gwen a rubber donut. Ella (#4) planted an alarm clock in Carlos's office. Gwen (#5) took the lead out of Bertrand's pencils. Farina (#6) gave Dorothy a dribble mug. Dorothy (#7) gave Ella a whoopee cushion.

23 CATTLE CALL

- | | |
|------------------|-------------------------|
| 1. Cowardly lion | 8. Cowlick |
| 2. Moscow | 9. Bulldog |
| 3. Bulldozer | 10. Bulletin board |
| 4. Bull pen | 11. "Don't have a cow!" |
| 5. "Cowabunga!" | 12. Cowcatcher |
| 6. Bull's-eye | 13. Bull Run |
| 7. Sitting Bull | 14. Cash cow |

35 CRYPTIC CROSSWORD 1

ACROSS

- 1 Acts (cast)
- 3 Snail's pace (nails + space)
- 9 Starlit (start + L.I.)
- 11 Promise (semipro)
- 12 Risen (siren)
- 13 Canapes (as pecan)
- 15 Lapland (lad + plan)
- 16 So there (sot + here)
- 18 Arbiter (ar + biter)
- 21 Garbles (garb + les)
- 23 Gestapo (postage)
- 25 At sea (a + T.S. + E + a)
- 27 Atheist (at + heist)
- 28 Photo op (Pop + hot + O)
- 29 Antiheroes (the Arsenio)
- 30 Stir (cast IRon)

DOWN

- 1 Australian (saturnalia)
- 2 Tears up (Pasteur)
- 4 Noticed (not iced)
- 5 Impends (imp + ends)
- 6 Sloop (pools)
- 7 At issue (a + tissue)
- 8 Even (two meanings)
- 10 Line art (lit + near)
- 14 Tess Harper (set + sharper)
- 17 Tornado (torn + a + do)
- 19 Big shot (bigot + sh)
- 20 Reactor (creator)
- 21 Groupie (pirogue)
- 22 Lash out (/a + shout)
- 24 Swish (s + wish)
- 26 Gala (GA + LA)

35 CRYPTIC CROSSWORD 2

ACROSS

- 1 Deforest (for steed)
- 5 Images (I + am + GE's)
- 10 Chaps (two meanings)
- 11 Worldlier (Orr willed)
- 12 Decoder (deer + Doc)
- 13 Uneaten (neaten + U)
- 14 Airedale (real idea)
- 16 Moped (two meanings)
- 19 Obese (O + bees)
- 21 Patented (pa + tented)
- 24 Refrain (ref + rain)
- 26 Diorama (Dior + A.M.A.)
- 27 Narration (ran + ration)
- 28 Liege (e.g. + lie)
- 29 Bumper (two meanings)
- 30 Falsetto (F + a + L + set-to)

DOWN

- 1 Decide (homemADE CIDEr)
- 2 Franchise (his + France)
- 3 Residue (due + rise)
- 4 Sewer (two meanings)
- 6 Midterm (dimmer + t)
- 7 Guilt (gilt)
- 8 Serenade (needs ear)
- 9 Argument (aren't + gum)
- 15 Appendix (end + pix + AP)
- 17 Prevalent (Al + prevent)
- 18 Doorknob (do + or + bonk)
- 20 Emanate (forEMAN AT Excavation)
- 22 Noodles (n + oodles)
- 23 Gazebo (gaze + boy - y)
- 25 Forum (form + U)
- 26 Donna (an + nod)

FAKE AD

The Fake Advertisement announced in the Table of Contents was for "Your Dog Here" and appeared on page 62. By Rick Stark and Lou Kesten.

36 WET BODIES

SORE LONGA LENS
ADAY ABOUT EXIT
RIVERMOUTH NANA
ICECUBES LEGMAN
ONES FELT
SAILOR HOTSHOTS
ARMOFTHESSEA SAW
TIER EDS MAXI
USA FINGERLAKES
PENZANCE ELGARS
IRAE SPAN
BADGES TIAMARIA
ATOZ HEADWATERS
YODA OAKEN EDIT
SMOG TRESS SOSO

38 FOOD FIGHT!

OILED GOMAD GLEEM
KOALA ELISE RUDDY
SUGARSMACKS ALEUT
LEM FRUITPUNCH
DDT DIP OPRAH STS
OURS TOSS ERST
COOLWHIP EEL AKIN
URI LAOS EDGING
APB POUNDCAKE RKO
MILIEU KEAN SAG
SPEC TRY PORKCHOP
YALE BELA TINA
SAL SAPFU DMZ ZAX
KNOCKWURST BEG
INTRA TOMATOPASTE
EATEN EDAMS PEARY
SLEET DONEE OLDIE

SOLVING TIMES FOR TOURNAMENT PUZZLES

Page	Time Limit	Est. Avg. Solving Time	Winner's Time
36	15 mins.	9 mins.	4 mins.
37	30 mins.	14 mins.	7 mins.
38	20 mins.	16 mins.	7 mins.
39	45 mins.	26 mins.	9 mins.

32 1ST WORLD PUZZLE TEAM CHAMPIONSHIP

1. Air Search

V A R I G A
D E T I N U
A T L E D T
S A B A O W
S A K L M A
S A T N A Q

The leftover letters spell "S.A.S."

2. Match Play

- a) $V + II = VII$
b) $X - II = VIII$

37 YOU OXED FOR IT

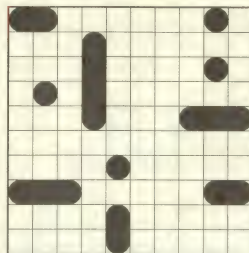
USOS ALP STALE SOPH
STRANGER CHRIS ABLE
SEAHORSE HEIFERLOAF
PLANETS ERAT EVENT
ROE TIME MAE
ABBA LONE TRIM CAB
NEO BLANKSTEER BARE
DESTROY EASE ETNA
SHINE EELS DARTED
SPYON RINGLET BALLS
CANNES VEGA IRATE
AGOG HAIR PATELLA
REVS ONEOFKINE OED
FDA SAND AMEN AGED
OAT ANON ILL
SCOFF HOST NATALIA
CALFETERIA ELEMENTS
URGE REEDS DEMENTED
DEAR ALLEY YES SONS

39 WORDS FAIL ME

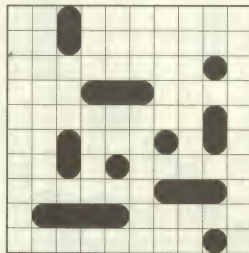
SPQR BESTS TWERP STLO
MOUE TREAT AIMEE THAW
IWASJUSTLEARNINGTOUSE
LEDTO ATLAS ETO OWNS
ERR KATE LIES WAXED
PULITZER ASHANTI ENC
ALPINE SUBTOT ANDREA
MALIGNS METAPHORSWHEN
AYE OFFBEAT LEI EERO
MARCEL DETER GLADE
SPAT LEN SIT ALDO
VERNE ADDIS RIVALS
INITARS EEARACHE SCI
SOMEONEPULLED FRUITER
ORIENT ANS DEF INTUNE
RAT COARSER SOFABEDS
ITAND TNUT RULE HUT
OVAL ARR FACET NOOSE
THEPLUGOUTFROMUNDERME
NILE PIANO OPERA ISAN
TOYS CONGO TENET LENS

44 BATTLESHIPS

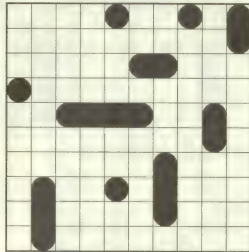
1-Seaman



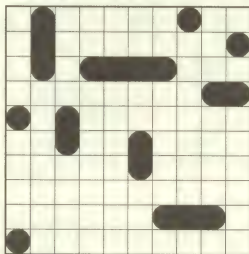
2-Petty Officer



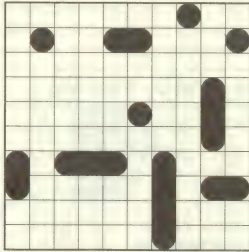
3-Ensign



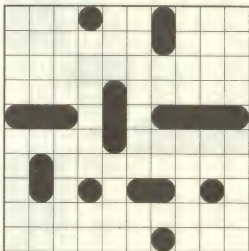
4-Captain



5-Commodore



6-Admiral



3. Sports Cross

W I T T B U B K A
A R Z
I E T I
T V Y H A O N
Z T I P S S G
N O A S H E
S R O N N O C R

4. Silhouette

The matching figure is "A."

5. Target Practice

15, 18, 23, 44

6. Square Dealing

41 squares

7. Scrambled Comic

E, C, B, D, F, A

WILD CARDS

61 PENNY FOR YOUR THOUGHTS

1. True
2. True
3. False (it comes up heads about 50 percent of the time)

61 SPELLING BE

Nothing is wrong with the words. All of them can be found in *Webster's Ninth New Collegiate Dictionary*. *Employee*, *iodine*, and *turquoise* are variant spellings of *employee*, *iodine*, and *turquoise*, respectively, but the others have different meanings from their E-ending counterparts. *Hawthorn* is a shrub of the rose family; *resid* is residual oil, the fuel oil that remains after petroleum has been distilled; *revers* is a label on a woman's garment; *skat* is a three-handed card game; *therefor* means "in return for that"; and *virtu* is a love of curios or objets d'art.

61 SOMEBODY'S TV SHOW

1. Gilligan
2. Hogan
3. McHale
4. Charlie
5. Ryan
6. Pee-wee
7. Archie Bunker or Frank
8. Newton
9. Drexell
10. Gabriel

61 THE TAXMAN TAKETH

The maximum score that you can get is 198 points, leaving 127 points for the Taxman. One way to reach this score is as follows:

You pick:	The Taxman gets:
23	1
25	5
15	3
21	7
14	2
22	11
16	4, 8
20	10
18	6, 9
24	12
No moves left	13, 17, 19
Total	198
	127

61 ANIMAL ROUNDUP

1. Brazenly (zebra)
2. Watertight (tiger)
3. Foreshadow (horse)
4. Replacement (camel)
5. Libretto (otter)
6. Housemaid (mouse)
7. Sandpaper (panda)
8. Mallard (llama)
9. Chronicle (rhino)
10. Twosome (moose)

50 THE WRITE STUFF

- W Reese's Peanut Butter Cups
H One-way sign
A Monopoly board
T Check

A Cents-off coupon
R Yellow Pages book
E Milk carton

T Kodak film box
H Measuring tape
E Fire extinguisher gauge

61 FIGURING THE NUMBERS

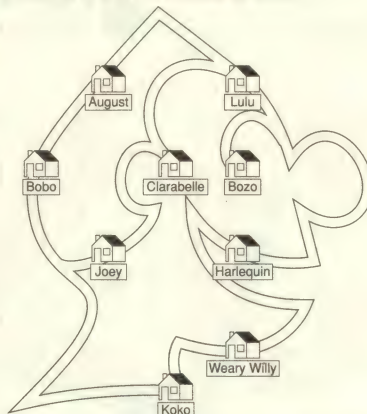
FIGURE 1: In this figure there are seven E's.
FIGURE 2: In this figure there are four T's and two W's.

FIGURE 3: In this figure there are three F's, four H's, and six S's.

FIGURE 4: In this figure there are nine E's, seven I's, six N's, and eight S's.

62 CLOWN TOWN

The clowns live in the houses as shown:



62 A QUESTIONABLE QUIZ

1. Yes.
2. No.
3. While this question can't be answered correctly, either yes or no, you can get still get three answers correct by replying "yes" to the question at the end of the instructions ("Can you correctly answer more than two questions?").

63 TWO-LETTER TRIVIA

- | | |
|-------------|-------------------|
| 1. Em | 8. Id |
| 2. Fu | 9. Po |
| 3. Di | 10. Bo (Jackson) |
| 4. Io | 11. Ra (or Re) |
| 5. Jo | 12. Ma |
| 6. Ho (Don) | 13. Ur |
| 7. Oz | 14. Oh (Sadaharu) |

63 NESTED WORDS

1. Thesaurus; tears
2. Pregnancy; penny
3. Thankless; takes
4. Situation; stain
5. Supersede; spree
6. Curliness; cries
7. Barbarian; brain
8. Statuette; sauté
9. Slingshot; sight
10. Heartless; hates
11. Insolvent; islet

- S Compact disc
E Postage stamp

- O Prescription bottle
B Garment care label
J Trophy
E Can of tennis balls
C Band-Aid
T \$5 bill
S Bicycle tire
? 7-Up bottle

47 INTERIOR DESIGN

CHARACTER ANALYSIS

48 DEATH OF THE NIGHT WATCHMAN

When Hawk saw the empty holster on Ziff's left hip (picture #2), he knew the watchman was left-handed. But Hawk realized Ziff couldn't have fired the revolver, because his left hand was clutching the passkey (picture #6).

Confronted with this evidence, Watkins broke down and confessed. He had entered the office with his own set of keys. While he was breaking into the desk drawer, he was surprised by Ziff. Watkins shot Ziff, then fired a bullet from Ziff's own revolver to bear out his story. Watkins threw the gun by the body and knocked the plants off the windowsill to indicate a break-in.

But Watkins had overlooked the fact that Ziff's left hand held the passkey.

56 HAUTE QUIZ-INE

- | | | |
|---|-------|-------|
| 1. c (no shellfish or pork, but locusts are fine) | 4. c | 11. a |
| 2. b (restaurant and food critic) | 5. a | 12. c |
| 3. b | 6. a | 13. c |
| | 7. b | 14. c |
| | 8. a | 15. a |
| | 9. c | 16. a |
| | 10. a | |

64 FUNNY YOU SHOULD ASK

The vertical hold is malfunctioning.

EUREKA

(continued from page 4)

Holy mackerel! We don't mean to carp, but your answer to "Squaring the Fish" (Wild Cards, page 66) is not the sole solution. Why flounder about with four pieces of fish when you can make do with only three?

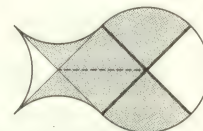
Elizabeth and Keith Falkner
Venice, FL



There are actually an infinite number of solutions to "Squaring the Fish." The fish may be cut with two crossing perpendicular slices at a 45° angle from vertical at any point along the fish's "spine" from the center of the fish's head to the center of fish's tail.

While your solution does fall within this range, it certainly is not the only one. It's been often said that there are many fish in the sea, but in this puzzle there are many "sea"-lutions in the fish.

Kenneth T. Levine
Philadelphia, PA



— GAMES solution
--- Range of crossing points for the cuts
The "universe" of other solutions

The six puzzles on this page are solitary versions of the classic paper-and-pencil game of Battleships. Each grid represents a section of ocean in which the entire fleet is hiding. This fleet consists of one battleship (four grid squares in length), two cruisers (each three squares long), three destroyers (each two squares long), and four submarines (one square each). The ships may be oriented either horizontally or vertically, and no two ships will occupy adjacent grid squares, *even diagonally*. The digits along the right side of

and below the grid indicate the number of grid squares in the corresponding rows and columns that are occupied by vessels.

In all but the last puzzle, a few shots have been taken to start you off. These may show water (indicated by wavy lines), a complete submarine (a circle), or the middle (a square) or the end (a rounded-off square) of a longer vessel. The puzzles get harder as you go. Only Battleships geniuses will reach the rank of admiral.

ANSWERS, PAGE 42



Water



Middle of a ship (will continue either left and right or up and down)

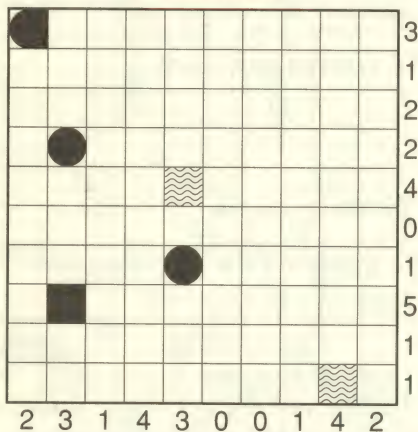


Submarine



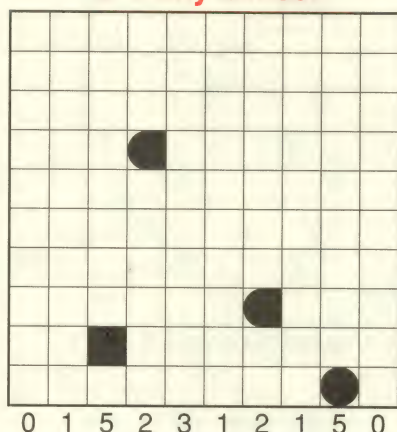
End of a ship (will continue in the direction of the flat side)

1-Seaman



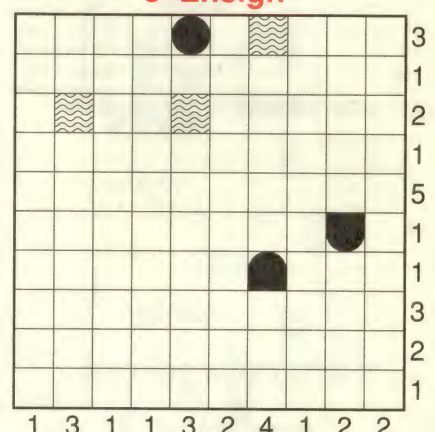
Battleship
Cruisers
Destroyers
Submarines

2-Petty Officer



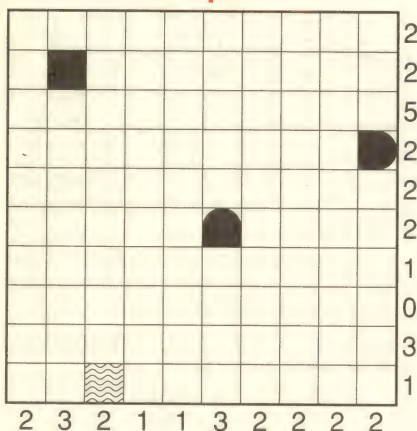
Battleship
Cruisers
Destroyers
Submarines

3-Ensign



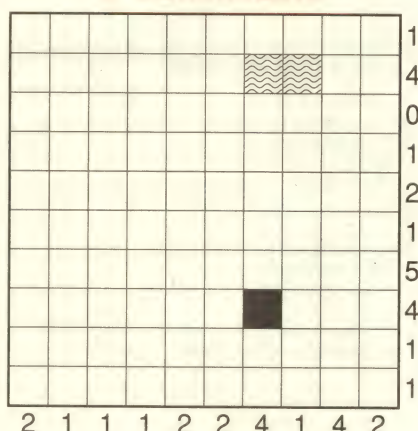
Battleship
Cruisers
Destroyers
Submarines

4-Captain



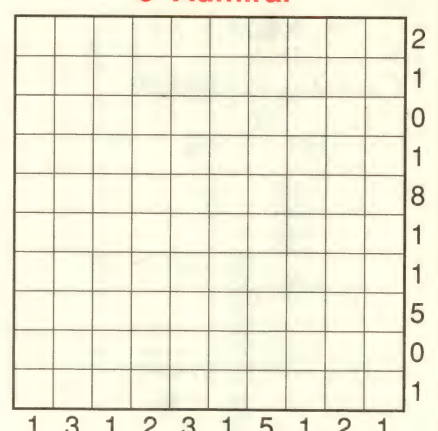
Battleship
Cruisers
Destroyers
Submarines

5-Commodore



Battleship
Cruisers
Destroyers
Submarines

6-Admiral



Battleship
Cruisers
Destroyers
Submarines



REAT &

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INTERIOR DESIGN

The mysterious picture below arrived at our office bearing the legend:

"THE MEDIUM IS THE MESSAGE"

and nothing more. Then we got the medium. Can you get the message? ANSWER, PAGE 43

BY RICK STARK

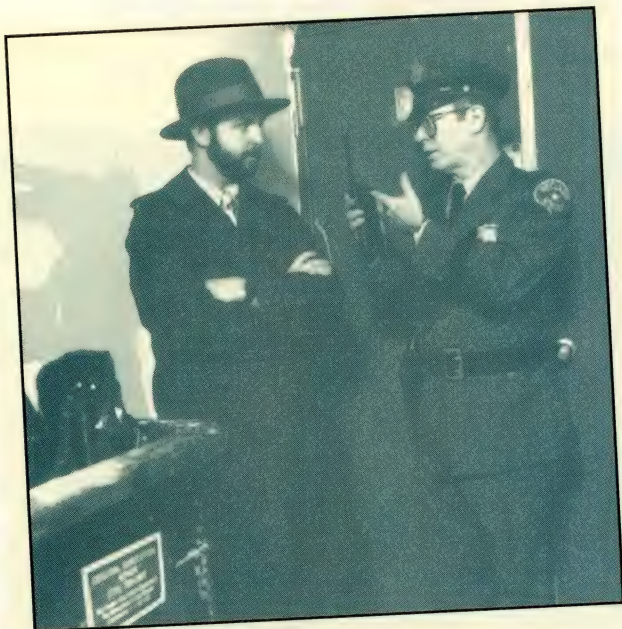


The ^{★★}Death of the Night Watchman

Detective Simon Hawk was prying off the lid of his styrofoam coffee cup when the phone on his desk rang. It was Sergeant Norton. "You better take this call, Hawk. It sounds like a homicide."

The phone line clicked and Hawk heard an excited voice. "This is Fred Watkins, head security guard at the Paragon Distributors warehouse. Our office had a break-in. A night watchman has been shot!"

Hawk said, "I'm on my way!" Fortifying himself with a gulp of hot coffee, he dashed out the door.



1 When Hawk arrived, Watkins was waiting outside. "I was checking the second floor when Hal Ziff called me on his walkie-talkie. He said he'd seen a short, blond man sneaking in the window of the front office. I hurried downstairs to help him."



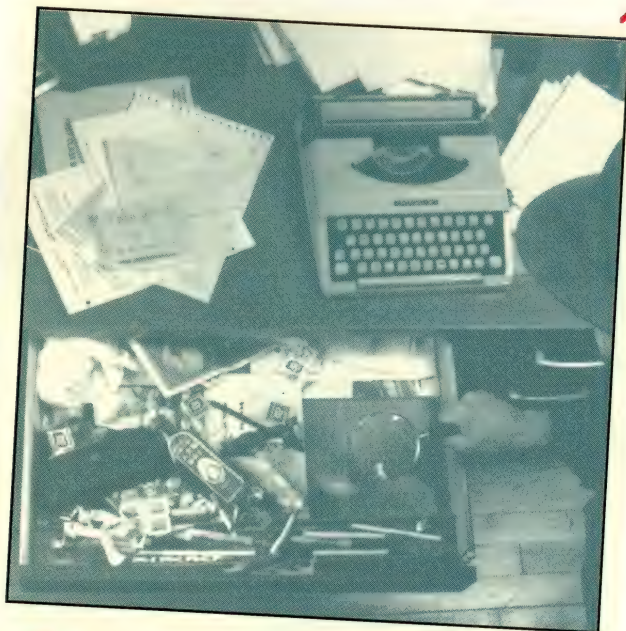
2 Watkins led Hawk into the warehouse office. "When I ran toward the office, I heard two shots," said Watkins. "I opened the door and there was Ziff, lying on the floor. That's how I found him."



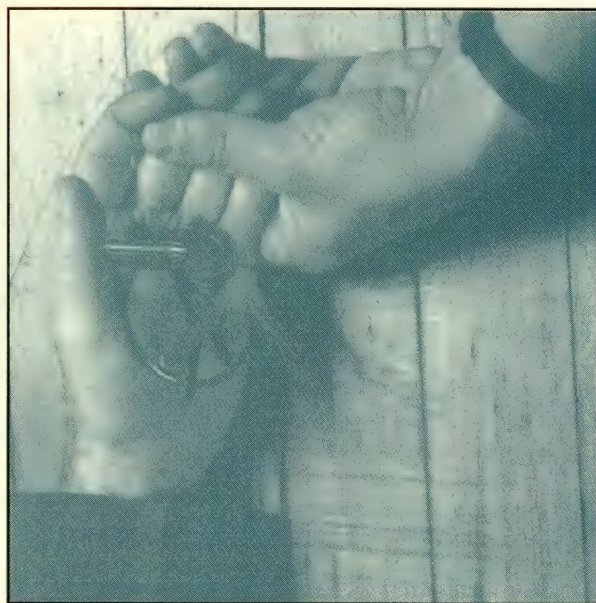
3 Hawk picked up the gun and sniffed the barrel. "Ziff got off a shot before he was killed."



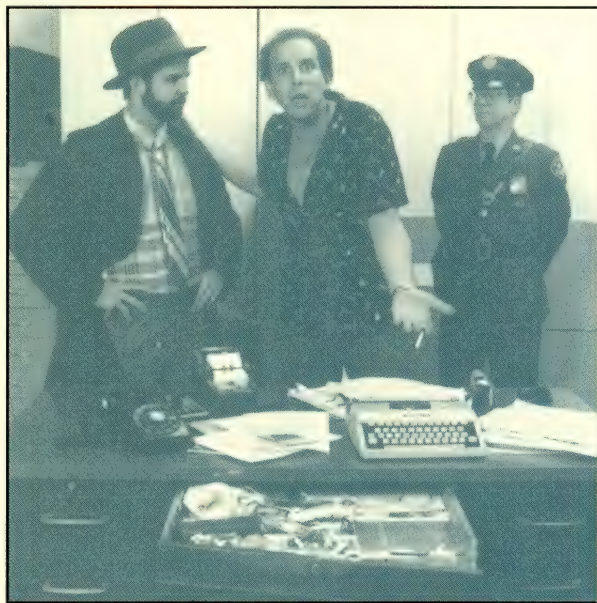
4 Hawk discovered a bullet hole high on the rear wall. "This shot went wild," he remarked. "It could have come from Ziff's revolver."



5 Hawk searched the room for signs of a robbery. The middle desk drawer had been pried open.



6 Hawk bent over the body and unclenched Ziff's fingers. "Those are the keys to this office," said Watkins. "Ziff must have surprised the robber when he opened the door."



7 Gregory Nelson, the owner of Paragon Distributors, arrived. He told Hawk that a steel cashbox containing more than \$10,000 was missing. "We sold a truckload of TV sets," Nelson declared. "It was an evening pickup. The buyer paid in cash. I should have deposited the money in the bank."



8 Hawk examined the rear window. "The robber knocked the potted plants off the windowsill when he broke in. He must have escaped in the same direction."

"This break-in looks very convincing," said Hawk. "A perfect case of robbery interrupted in progress." Detective Hawk paused and then riveted his gaze on one of the two men. "Except—," he said, "this was an inside job!"

WHOM DID HAWK ACCUSE AND HOW DID HE KNOW?

ANSWER, PAGE 43





The eyeball benders by White Keith Glasgow Stuff

☆☆ answers, page 43



..... GAMES & BOOKS -----

STRATEGY GAME

TERRACE

COMPANY SILER/SILER VENTURES, BOX 2405, LAKE OSWEGO, OR 97035 **PRICE** \$29.95 PPD.

NUMBER OF PLAYERS 2 OR 4, AGES 8+

PLAYING TIME VARIES



SIMPLE
CHANCE

COMPLEX
SKILL

Every year at least one new strategy game is introduced that its makers compare favorably—and inaccurately—to chess. Terrace, the latest chess-wannabe, is a revelation. Though it is different from chess in almost every way, the experience of playing it is very similar: It is totally involving, intensely absorbing; it gets under your skin and invades your brain just as

chess does. It's the most promising new strategy game in years.

Terrace gets its name from the unique architecture of its board. It consists of 64 squares of one color, which are arranged in L-shaped levels ("terraces") that rise stepwise from the board's lowest points in two diagonally opposite corners to its highest points in the two other corners.

The game is for two or four players (it doesn't work well for three). When two compete, each player has a colored set of either 16 pieces (the full game) or 6 pieces (the short game); in the four-player version everyone has 6. Although all pieces are shaped alike and move alike, they are of 4 different sizes, and the smallest piece has the letter T carved into it. In all versions the object is to win either by moving your T from its starting point at one corner to an opposite corner, or by capturing your opponent's T.

A piece may move to any vacant square on its present terrace, and can jump over (without capturing) any friendly piece the same size or smaller. It cannot pass an enemy piece or a larger friendly piece, however. A piece may move up one level to a vacant square either straight ahead or diagonally. A

piece may go down one level either straight ahead to a vacant square or by capturing any piece (including a friendly one) the same size or smaller in either diagonal direction. The center point of the board may not be crossed.

The dual objectives and the strategies imposed by the design of the board and pieces create a game of virtually infinite possibilities. Though it's always clear what's going on, it's very hard to calculate more than a couple of moves ahead, and the best strategies remain to be discovered.

There's much more to be said about Terrace than I have room for or knowledge of. What if a player adopts a purely defensive stance and tries to make it impossible for the enemy to enter its destination square? Can such a defense be overcome by force? Will you let me know when you find out? ■

enter its destination square? Can such a defense be overcome by force? Will you let me know when you find out? ■ —B.H.

THE GAMES FILE

- **Game:** Terrace
- **Inventors:** Anton Dresden
Buzz Siler

The year is 1950. Anton Dresden, a 35-year-old engineer, tired of losing at chess to his brother, decides to invent a new game that will have as many possibilities



YOU HAVE FOUND (1)

as chess but simpler rules. He designs a board 8 squares long and 8 squares wide like a chessboard, but also 8 levels high. It's richly suggestive of new strategies. He calls his new game Terrace.

But the pieces he invents and the rules to govern them refuse to cohere. Back on the shelf goes the gameboard,

CARD GAME

CRIBBLE

COMPANY EURO-AMERICA MARKETING; (800) 535-3739 **PRICE** \$35 (CASINO VERSION \$50)

PLAYERS 2-4 (4 IS BEST), AGES 16+ **PLAYING**

TIME 1 HOUR



SIMPLE
CHANCE

COMPLEX
SKILL

What do you get when you cross cribbage and poker? You get Cribble, an exciting combination of the two classic card games with a little blackjack thrown in for good measure.

Each player starts with 100 points' worth of chips, used for betting during poker or blackjack, and for paying penalties to the pot or other players.

The cards are dealt for cribbage. If you'd rather play poker with what you've been dealt, say "Cribble" and ante up two of your chips. If another player agrees, poker will be the game

for that hand; if not, your two chips remain in the poker pot and you have to play cribbage.

But Cribble adds a few twists to the standard game. The pegboard is made up of four colors, and there are four packs of matching cards. At various times during play, you must draw a card matching the hole your peg currently occupies. Red cards require you to pay chips to the cribbage pot or to other players; green ones let you collect chips; yellow ones can go either way; and blue ones offer such options as "Play a poker game of your choice or blackjack."

Avoiding the red holes and aiming for the green ones while trying to advance your peg as rapidly as possible is tricky, since you have to weigh the advantage of gaining a few extra holes against the penalty of losing chips if you land in a red one. The point to remember is that the player whose peg is first to reach the final hole wins the cribbage pot

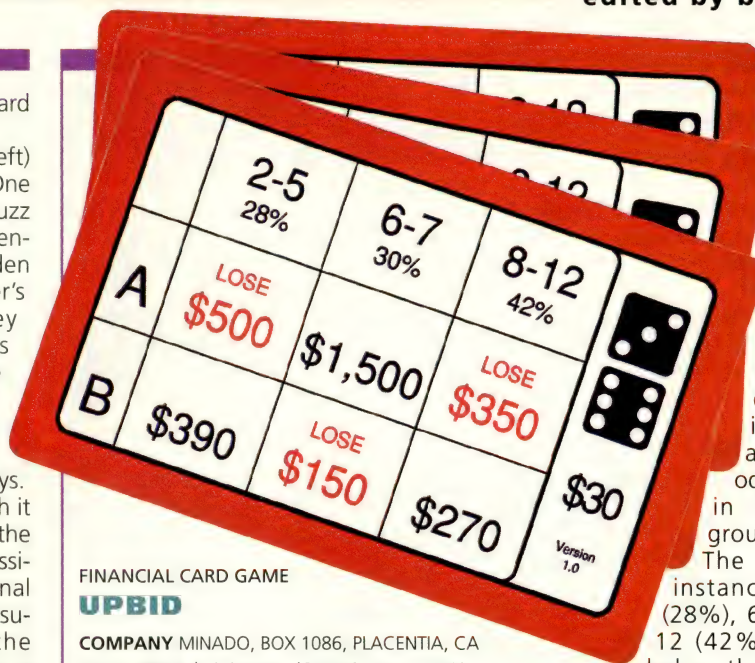
and back to his workaday drawing board goes Anton Dresden.

Flash forward to 1988. Dresden (left) is now living near Portland, Oregon. One day he brings his latest invention to Buzz Siler, himself an inventor and an inventors' agent—"a genius!" says Dresden with an exclamation point—for Siler's help in obtaining a patent. They become friends and Dresden invites him home. Siler is entranced by the gadgets all over Dresden's house, especially that odd gameboard.

"I simply fell in love with the look of the board and pieces," Siler says. He takes it home and fools around with it awhile, quickly spotting the flaws in the game design. But he also sees the possibilities. Despite his lack of professional experience with games—"I'm just a casual player ... chess, Monopoly, the usual"—he calls Dresden and proposes a partnership. "I told him I thought we could realize his original conception."

Two years pass, years of revising and testing and arguing about rules. Jerry Darm, a local doctor, is inoculated with the game and becomes addicted. He invents Darm's Picket Fence, an unbeatable strategy. More revising, more testing, more arguing.

Finally, Dresden and Siler agree that Terrace works. It is the realization of the idea Dresden conceived in 1950. ■



FINANCIAL CARD GAME

UPBID

COMPANY MINADO, BOX 1086, PLACENTIA, CA 92670 **PRICE** \$12.95 PPD. (CA RES. ADD 7.75% TAX) **NUMBER OF PLAYERS** 2-8 **AGES** 10+ **PLAYING TIME** 1+ HOURS



This original game was invented by a professor of management science for use in an introductory university course on decision analysis. Although the object of the game is not unusual—either to end up with the most money

or to be the only player not to go bankrupt—its novel play concept lends it special interest.

On each of 42 "pay-off" cards, all the possible outcomes of a single roll of the dice are divided into three groups along with the odds that a number in each of those groups will be rolled. The card at left, for instance, shows 2-5 (28%), 6-7 (30%), and 8-12 (42%). The six boxes

below those groups show how much will be won or lost in each case, depending on whether the player who owns that card chooses plan A or plan B.

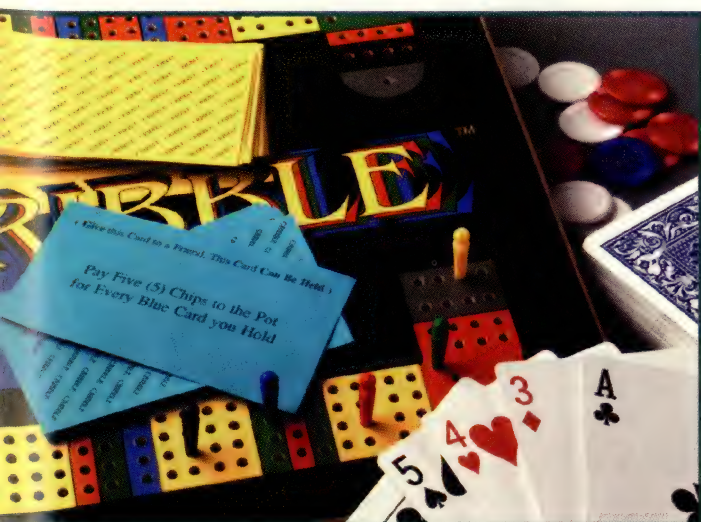
Each player begins with \$2,000. A card is turned up and players bid for it, basing their bids on how much risk they're willing to assume. The successful bidder (now the owner of that card) chooses plan A or B, rolls a pair of dice, and, depending on the result, pays to or collects from the bank the appropriate amount shown.

In the example above, plan A gives you a 30% chance of winning \$1,500 but a 70% chance of losing \$500 or \$350; plan B gives you a 70% chance of winning \$390 or \$270 but a 30% chance of losing \$150. Should you try to win big, or is it more prudent to minimize your risk—and also your profit? It's a tough decision, especially when you factor in how much you paid for the card to begin with.

If you can't take the pressure, you can pay the amount shown in the lower right (in this case \$30), which allows you to roll a single die before deciding which plan to choose. Although this reduces the risk, it cuts the payoff, too.

Each card also shows two die faces or two W's (wild card). If you collect six cards with these dice in numerical sequence, you get \$500 from each player. This possibility can have a profound and surprising effect on the bidding, since players might be tempted to bid very high for cards that ordinarily are poor risks. ■

—Sid Sackson



(which could be a bundle) but not necessarily the game. To win the game you have to end up with the most chips, and the most chips may be earned by win-

ning poker pots. Cribbage, though not an improvement on the fine old game of cribbage, does provide an enjoyable new way to play it. The Casino version comes with a very handsome 9-ply Baltic birch board; the less expensive version uses tempered hardboard and does not include chips. The rules aren't entirely clear on a couple of points, but it's easy enough to make up house rules to cover any situation. Cribbage rules are included for those not familiar with the standard game, but if it's cribbage you want to learn, this isn't the place to start. ■

—Peter Gordon

GAMES & BOOKS

COMPUTER GAME

ARE WE THERE YET?

FOR IBM/COMPATIBLE COMPUTERS;

ELECTRONIC ARTS, \$50



On every miserable family vacation I endured while growing up, my siblings and I would relieve the tedium of interstate travel with word games, such as hangman, license plate ABCs, roadside bingo. The framework of Carol Manley's *Are We There Yet?* is such a trek, an excursion through all 50 states with the obnoxious Mallard family. But its real *raison d'être* are puzzles. Each state contains two oddball tourist traps (Nevada's Liberace Museum, Maryland's Sowsbury 500 Pig Races, the Florida Sponge-o-Rama), each with one or more puzzles, ranging from simple to diabolical.

Some of the word games will be familiar to Pencilwise fans. Cryptograms and double-crostics play especially well in this format, with the computer taking care of some of the messy mechan-

ics of pencil-and-paper solving. Crosswords translate less successfully, and the word searches are a trifle unfair—what exactly is a MOUFLON anyway?—but some of the anagrams here are really brain-bending (I puzzled over the letters SHOPRITE in the Bowling Hall of Fame for more than a week).

Are We There Yet? really shines with puzzles that could only be presented electronically. One recurring type requires pushing buttons in a certain order to form a word, image, or sentence—a surprisingly tricky enterprise demanding a combination of luck and logic. The most frequent—and delightful—puzzles are the computer jigsaws, beautifully illustrated by Hans Piwenitzky. Many of these are partially animated, with pieces of people or animals moving around the screen, which can be helpful or confusing.

Fans of *Living Jigsaws* or *Cliff Johnson's Fool's Errand* and *3 in Three* (included in the 1991 *GAMES 100*) will find plenty to enjoy here. And with over 200 challenges, *Are We There Yet?* will entertain even the most skilled puzzle expert for weeks. ■

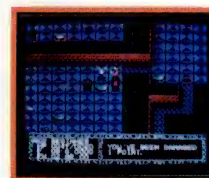
—Lou Kesten



VIDEOGAME

PHANTASY STAR III: GENERATIONS OF DOOM

FOR SEGA GENESIS SEGA \$79.95



Most role-playing videogames consist of an evil entity, a party of adventurers seeking to defeat it, and an abundance of monsters, locations, characters, and objects with funny names; only the specifics of the plot differ. *Phantasy Star III*, though it contains all the standard elements of the genre, ties them together with an exquisitely structured storyline and the most unusual and elegant new feature in a role-playing game in recent memory.

That new feature is your ability to guide the game through three generations of your initial character's family. Twice in the game you must choose a spouse, and in each case the offspring becomes your next character.

You begin the game alone as Prince Rhys, who is about to marry the beautiful Maia. When she is snatched away by a dragon, you set out to find her. Once you do—this will take many hours of happy adventuring—you may either go through with the original wedding or marry Lena instead, a young woman who helped you early in your adventure. Whatever you decide, this ends the first generation.

The game takes place in the dungeons, caverns, castles, and towns of seven planets and two moons. But because it's broken down into bite-sized miniquests (find a gem, search a cave), it's accessible and engaging. Only after many vicissitudes do you realize the significance of the Orakian-Layan wars and the Dark Forces working in the background.

The beautiful graphics and great variety of environments—ice, desert, tropics—increase the game's already considerable appeal. ■

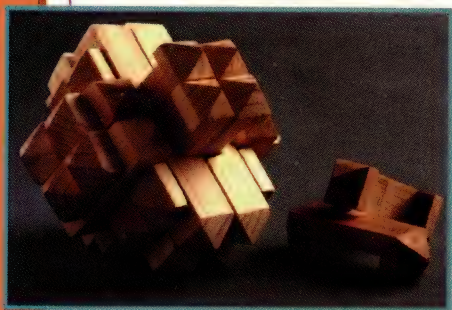
—Russ Ceccola

ETCETERAETCETERAETCETERAETCETERAETCETERA

What would you do with 20 million bucks? In the lighthearted family game **You Just Became a Millionaire** (\$25, Games Partnership, (800) 776-7662), you imagine that you're filthy rich and secretly choose one of several possible responses to a given situation. Most situations are simple spending fantasies, but sometimes you have to search your soul to make moral judgments. The other players vote on what they think your response will be, which gives you a chance to see yourself as others see you. Of course, if you have 20 million bucks, you probably don't care how others see you.

Taking apart the 24 pieces of the **MagiCrystal** handmade wooden puzzle shown below (\$27 ppd., Nature's Key Products, Box 1146, New Hyde Park, NY 11040) is no big deal. Putting it back together takes time, patience, ingenuity, and probably a request for the solution.

Except for a couple of classic strategy games (notably chess), the history of games has been generally ignored by American publishers. We are therefore grateful to *GAMES* Contributing Editor Matthew J. Costello and his publisher, John Wiley & Sons, for giving us **The Greatest Games of All Time** (\$12.95 paperback). It isn't possible to cover this vast subject comprehensively in only 178 pages, but Costello's lightly written treatment is an entertaining introduction. The author includes lists of his favorite games in all categories. ■



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★ ★ Haute Quiz-zine

By Stephanie Spadaccini

If you like to think about food as much as you like to cook it and eat it, here are 16 food questions to chew on. Answering 9 of them correctly is good, 12 is excellent, and getting 14 or more is finger-lickin' great!

ANSWERS, PAGE 43

1. Holy Mackerel!

The Bible forbids the consumption of two of the following foods. Which of the three is considered okay?

- a. lobster
- b. bacon
- c. grasshoppers

2. Aisle Be Seeing You

Though their names and faces are seen at every supermarket, only one of the following was a real person. Who?

- a. Betty Crocker
- b. Duncan Hines
- c. Aunt Jemima

3. L.A. Love

According to *The California Nutrition Book*, which of the following foods is lowest in nutrients?

- a. pizza
- b. apple
- c. Twinkie

4. Dipsticks

Cheese fondue was created in Switzerland, but where were both beef fondue and chocolate fondue invented?

- a. Switzerland
- b. France
- c. United States

5. This Soup Is Cold, Waiter

When Americans eat out, what main dish do they order most often?

- a. steak
- b. fish
- c. pasta

6. This Soup Is Cool, Mom!

And when Americans are at a restaurant that offers the kind of food Mom used to make, which of the following is by far the most popular?

- a. mashed potatoes
- b. meat loaf
- c. apple pie

7. Yecch!

Which of the following "good-for-you" foods do Americans hate the most?

- a. liver
- b. tofu
- c. yogurt

8. Drink to Me Only With ...

Water is, naturally, the most popular beverage in the world. What's next?

- a. beer
- b. wine
- c. Coca-Cola

9. Bye-Bye Beer Belly

"Light" beer not only has fewer calories than regular beer but also less of something else. What?

- a. hops
- b. bubbles
- c. alcohol

10. Roman Knows

In Italian, the word "spaghetti" literally means:

- a. little strings
- b. little straps
- c. long worms

11. Make Dinner, Not Love

Which one of the following innocent foods was considered an aphrodisiac, and therefore was condemned by the 16th-century Roman Catholic church?

- a. chocolate
- b. eggs
- c. raisins

12. Outdoors, We Hope

On April 4, 1981, Karen Stevenson, of Merseyside, England, ate how many cold beans, one by one, with a cocktail stick, in 30 minutes?

- a. 780
- b. 1,780
- c. 2,780

13. Pig Out

The French used to use pigs to hunt truffles. Now they use dogs because:

- a. dogs have a superior sense of smell
- b. dogs have a superior sense of sight
- c. dogs don't eat truffles

14. They Brought Us Holes?

Which immigrant group brought to the United States both the doughnut with a hole and the word "dunking"?

- a. French Creoles
- b. Spanish missionaries
- c. Pennsylvania Dutch

15. It Wasn't Lox

Which food was named for physiologist Ancel Keys?

- a. K rations
- b. Keystone pears
- c. Key lime pie

16. What's Dot?

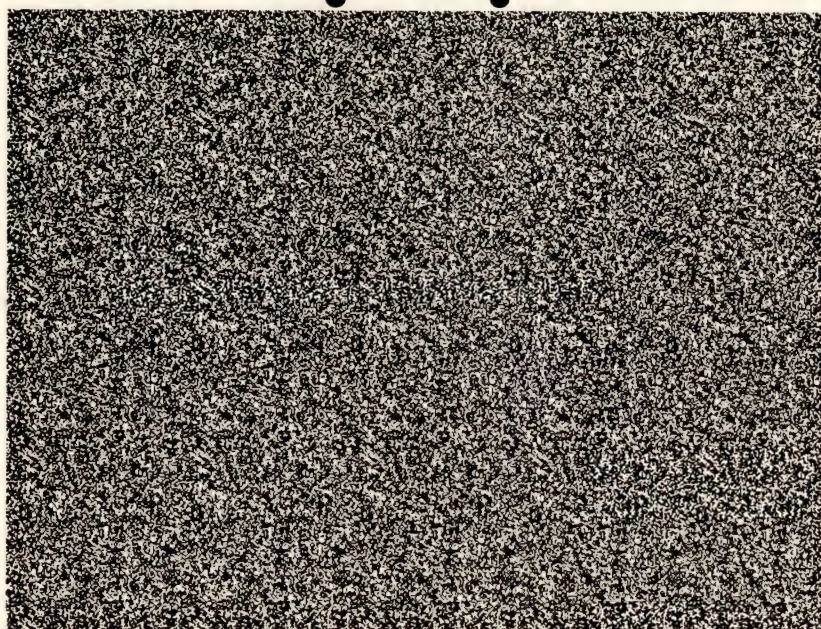
What colors are the polka dots on packages of Wonder Bread?

- a. red, yellow, and blue
- b. red, blue, and pink
- c. red, yellow, and green

The

The puzzle is a "SINGLE IMAGE RANDOM DOT STEREOGRAM" (STARE-E-O). In order to see the image you'll need to diverge your eyes as if looking at an object twice as far as the page is from your eyes. When the two large dots (fusion dots) overlap creating a single solid central dot, your eyes are aimed right. Hold

This N.E. THING puzzle is a lot harder than our last one, so be prepared to use your imagination, and some good old fashioned orthogonal thinking. Don't ignore the dictionary, and don't let the puzzle get your head spinning. Looking at STARE-Os is good exercise for your eyes but don't overdo it (go outside and get some sunshine or you'll turn into a side street). We hope you enjoy this puzzle. Copy it and share it with your friends, and ... KEEP GAZING!



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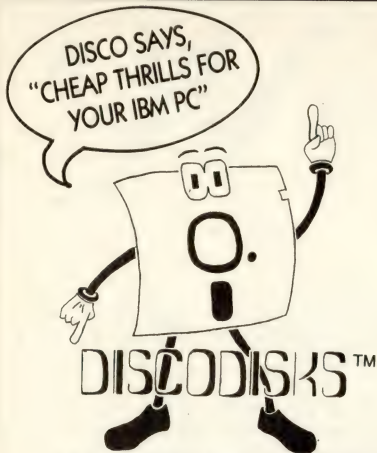
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CONTEST RESULTS

FROM OCTOBER

PALINDROMES WITH PERSONALITY

While reading more than 2,000 palindromes (an activity we strongly recommend to anyone suffering from insomnia), we found scores of entries that included HARPO and OPRAH, a handful with K. COSTNER ... RENT SOCK, and about half a dozen that said in their entirety: OH, NO! DON HO!

So when we encountered the following palindrome, we were happy to see that it was, to say the least, totally different from the others: BONK! ONE MAC. NEWTON SEES NOT WEN CAME (NO KNOB). We have just one question for its author, and for many more of the 312 entrants who submitted not-too-clear "sentences" that read the same backward and forward: "Huh?"

For Douglas Fink, of Norwalk, CT, we say "Wow!" His palindrome below earns him round-trip airfare to anywhere he wants (up to \$500 in value). It includes the required name of a famous personality, and was selected for its sense, appropriateness, smoothness of syntax, and general interest:

LISA BONET ATE NO BASIL.

GAMES T-shirts go to these runners-up:
TONI TENNILLE FELL IN NET. I, NOT.

—Martin R. Boltizar, Denville, NJ
VANNA, WANNA V?

—Mike Griffin, Erie, PA
MAN, OPRAH'S SHARP ON A.M.

—Ellen Jackson, Santa Barbara, CA
DAMN! I, AGASSI, MISS AGAIN! MAD!

—John Leavy, Austin, TX
(... YAWN.) MADONNA FAN? NO DAMN WAY!

—Susan Leslie, Elk Grove Village, IL,
and Robert Siegel, Bellwood, IL
E. BORGNINE DRAGS DAD'S GARDENING ROBE.

—Mary McCarter, Rolling Meadows, IL
NEIL A. SEES ALIEN!

—Arun Prakash, St. Cloud, MN
"I'M RUNNIN'" —NURMI.

—Jane Prins, Holland, MI
"IS DON ADAMS MAD?" (A NOD.) "SI!"

—Susan C. Ridgeway, Gahanna, OH
NO, MEL GIBSON IS A CASINO'S BIG LEMON.

—Don Tabat, Brookfield, WI

We had prizes for only 11 contestants, but we'd hate to keep mum about so many other excellent palindromes. So we're printing the following honorable mentions. To include as many as possible, we're omitting the authors' names. You know who you are.

ALAN ALDA STOPS RACECAR, SPOTS AD:
"LANA—L.A."

ARE WE NOT PURE? "NO, SIR," PANAMA'S
MOODY NORIEGA BRAGS, "IT IS
GARBAGE!" IRONY DOOMS A MAN: A
PRISONER UP TO NEW ERA.

BUSH SAW SUNUNU SWASH SUB.

CAIN: A MANIAC.

DEPARDIEU, GO RAZZ A ROGUE I DRAPED.

ED, I SAW HARPO MARX RAM OPRAH W.
ASIDE.

HARPO SAW TAFT: "AH ... THAT FAT WAS
OPRAH."

I, RASPUTIN, KNIT UP SARI.

IF ARNOLD SCHWARZENEGGER WERE

GAGGED, HIS PLEA FOR HELP MIGHT

SOUND SOMETHING LIKE, "EKILG

NIHTEM OSD NUOSTH GIMPLEH ROFA

ELPS IHDEG GAGER EWREG GENEZ

RAWHCSD LON RAFI!"

LET O'HARA GAIN AN INN IN A NIAGARA
HOTEL.

NORIEGA CAN IDLE, HELD IN A CAGE—
IRON!

O, GERONIMO: NO MINOR EGO!

PLAN NO DAMN MADONNA LP.

RED LOST CASE, MA. JESSE JAMES ACTS
OLDER.

SIS, ASK COSTNER TO NOT RENT SOCKS
"AS IS"

SO, G. RIVERA'S TOTS ARE VIRGOS.

T. ELIOT NIXES SEX IN TOILET!

TARZAN RAISED A DESI ARNAZ RAT.

TO IDI AMIN: I'M A IDIOT!

—Peter Gordon

FROM DECEMBER

GAMES 100 BLOWOUT SPECIAL

With 16,700 entries (including one from China), this year's GAMES 100 cover challenge was the 15th most popular contest in GAMES history.

Readers were asked to mentally assemble jigsaw pieces made from gameboards and screens of 16 games in the GAMES 100, identify each game, and then take the fourth letter of each name, in order, to discover a secret message. Almost everyone correctly identified the message—ASSEMBLY REQUIRED—and the games. These, when properly joined in the jigsaw (from left to right, line by line), were: Sonata for a Spy; Passim; Chessmaster 2100; Interplay; Lemmings; Anybody's Guess; Abalone; Play It By Ear; Supremacy; Adverteasing; Conquest; Intuition; Civilization; Sherlock Holmes, Consulting Detective; Imperium; and Wordtris.

With winners chosen at random from the huge pile of correct entries, the grand prize of \$2,000 goes to Marilyn Roy, of Westerville, Ohio, who, against all odds, also won a GAMES T-shirt in our "Shifty Business" contest (see below). Runner-up T-shirts here go to Robert Bain, Hamtramck, MI; Tim Britt, Scotts Hill, TN; Scott Burns, Littleton, CO; David Grenier, Aurora, IL; Chris Hoffmann, Amherst, MA; Marge Raastad, and Amanda Pack, Vancouver, WA; Genevieve Denise Redman, New York, NY; Robert Ruiz, Jr. and Tracy Ann Trebilcox, Fresno, CA; Mark Stoakes, Hartford, WI; and Michael Van Til, Wichita, KS. —Mark Danna

FROM DECEMBER SHIFTY BUSINESS

Judging by the varied comments we received, "Shifty Business" gave some people the business, while for others it was just business as usual. The object was to find the shortest path through a tricky two-page labyrinth—the top page of which had holes cut into it, and which was shifted according to the direction of the arrows visible on the page underneath. The answer was recorded by the series of letters the solver passed in the maze.

Since the winning path included 44 letters and a dozen shifts of the page, it's quite impressive that 80 percent of the 2,500 entries correctly found the minimum number of steps. The remaining entries were split almost equally between those finding legitimate longer paths and those falsely claiming shorter paths—or no solution at all. Some contestants, who alleged to have shorter paths, had placed the overlay upside-down, making the maze much easier to "solve."

The winning solution of 44 letters was: A-B-K-J-G-F-K-I-B-D-L-I-P-M-J-K-F-G-O-P-I-K-F-E-C-D-L-K-F-G-J-K-B-C-E-H-D-A-N-P-I-J-M-N.

The grand prize winner of \$1,000 worth of puzzles, whose envelope was chosen at random from among the correct entries, is Thomas Lund, of Minnetonka, Minnesota. Runner-up GAMES T-shirts go to: Gerry Bigelow, South Berwick, ME; Tim Larson, North Aurora, IL; Sam Loveall, Raleigh, NC; Douglas Loynes, Carmel, IN; Richard Reeves, Rockford, IL; Shawn Reeves, Ithaca, NY; Marilyn Roy, Westerville, OH; Alan Shubert, Rensselaer, NY; James Sorce, Orangeburg, NY; and Michael Swierczewski, Severn, MD. —Peter Gordon

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THE ALMANIAC

The 1992 World Trivia Contest

- Which U.S. President was born a King?
- Has a record-setting circumglobal journey ever been made completely by Train?
- How many broad stripes did Francis Scott Key's Star-Spangled Banner have?
- [answers below]

Not a parlor game but a grand worldwide competition, *The 1992 Almaniac* challenges not what you *know* but what you can *find out*.

As soon as we receive your entry, we'll send you the instruction book and the questions and *The 1992 World Almanac and Book of Facts*, the sole authority.

So everybody starts out even, and the challenge will be to use our clues and avoid our tricks in tracking down the answers in the *World Almanac*. Entry deadline is April 17; completion deadline is April 27. Custom-designed awards will go to the top competitors.

Last spring one of the 836 competitors said:

Absolutely fascinating

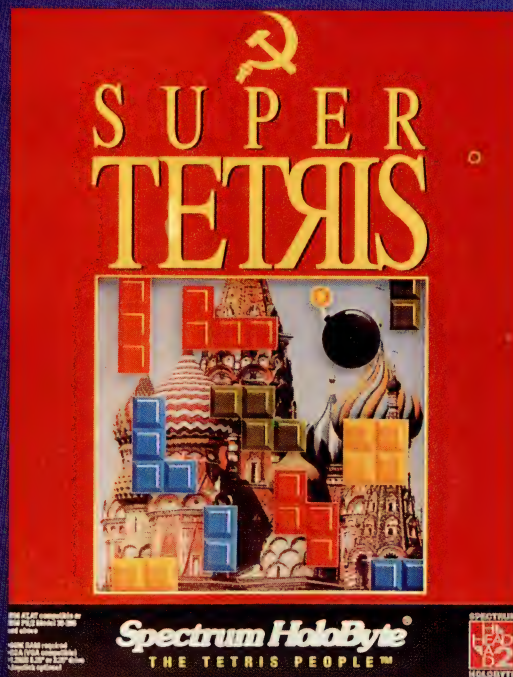
As always with our competitions, you have our 100% money-back guarantee. Join us!

- Gerald Ford, born Leslie King, renamed by adopting stepfather (1992 *World Almanac* page 436).
- Yes; George Francis Train circled the globe in 1890 in a record 67 days 12 hours 3 minutes (page 671).
- Fifteen; from 1795 to 1818 (Key wrote the song in 1814) the flag had 15 stripes, for the 13 colonies plus Kentucky and Vermont (pages 467, 469).

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WILD CARDS

edited by peter gordon

FOR THE RECORD

PENNY FOR YOUR THOUGHTS

The three questions below all concern the United States penny. Answer each "true" or "false."

1. If well spun on a smooth level surface, it will come up tails about 75 percent of the time.
2. If balanced on its edge and then made to fall by banging the surface on which it is balanced, it will come up heads about 75 percent of the time.
3. If flipped and permitted to drop on the floor, it will come up heads about 75 percent of the time.

—Richard Garfield



TEASERS

SPELLING BE

The nine words below don't look quite right. Can you tell what's wrong with them?

EMPLOYE	HAWTHORN	IODIN
RESID	REVERS	SKAT
THEREFOR	TURQUOIS	VIRTU

—Raymond D. Love

TRIVIA

SOMEBODY'S TV SHOW

We've taken the names from the 10 TV shows below and replaced them with blanks. How many can you supply? TV experts should be able to get at least 7.

1. ___'s Island
2. ___'s Heroes
3. ___'s Navy
4. ___'s Angels
5. ___'s Hope
6. ___'s Playhouse
7. ___'s Place
8. ___'s Apple
9. ___'s Class
10. ___'s Fire

—Peter Gordon

TOUGH NUTS

THE TAXMAN TAKETH

While playing this game won't help you fill out your 1040 form, it may keep your mind off it for a little while. The object, as in real life, is to beat your "opponent," the Taxman. Each turn, you pick a number from the list below, remove it from the list, and add it to your score. The Taxman then goes through the list and picks out all the factors of the number you just took. These numbers are eliminated from the list and their sum is added to the Taxman's score. Thus, if you were to pick 20 on your first move, you'd get 20 points, while the Taxman would get the 1, 2, 4, 5, and 10, for a total of 22 points. The game would then continue without these six numbers. The Taxman must get at least one factor every time, so you may not pick a number that has no factors left. When no remaining numbers have any factors left, the Taxman gets all the rest for his score. You win the game if you beat the Taxman. Here's the challenge: What's your maximum possible score?

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25

—Charles Weaver

WORDPLAY

ANIMAL ROUNDUP

Can you complete each of the numbered words below by rearranging the letters of one of the animals listed and placing them into the blank? For example, the first word can be completed by rearranging ZEBRA to make BRAZENLY.

ANIMALS

CAMEL	HORSE	LLAMA
MOOSE	MOUSE	OTTER
PANDA	RHINO	TIGER
	ZEBRA	

1. ___NLY
2. WAT___HT
3. F___ADOW
4. REP___ENT
5. LIB___
6. H___AID
7. S___PER
8. ___RD
9. C___CLE
10. TW___

—Dierk Rakula

TWISTS

FIGURING THE NUMBERS

In each of the figures below, fill in the blanks with *spelled-out* numbers to make the statements true.

In this figure there are ___ E's.

FIGURE 1

In this figure there are ___ T's and ___ W's.

FIGURE 2

In this figure there are ___ F's, ___ H's, and ___ S's.

FIGURE 3

In this figure there are ___ E's, ___ I's, ___ N's, and ___ S's.

FIGURE 4

—Guney Mentos

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check one: ☐ Smoking ☐ Non-smoking

check one: ☐ Payment encl. ☐ Bill me later

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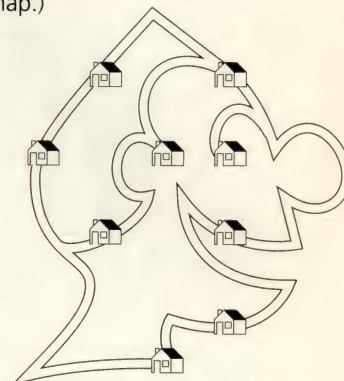
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WILD

LOGIC CLOWN TOWN

The diagram below is a map of Clown Town, a community of retired circus performers. From the information given here, can you determine who lives in each house? (North is toward the top of the map.)



1. Clarabelle's house is due north of Koko's.
2. August's house is due west of Lulu's.
3. Weary Willy's house is due south of Harlequin's.
4. Bozo's house is due east of Bobo's.
5. Lulu's house is not due north, east, south, or west of Clarabelle's.
6. At least one of the houses is both to the north and to the west of Joey's house (though not necessarily due northwest).

—Bob Stanton

TEASERS A QUESTIONABLE QUIZ

We've asked many people the questions below, and nearly everyone has gotten only two of them correct. A few *really* clever people were able to get three. Each question must be answered with either "yes" or "no." Can you correctly answer more than two questions?

1. Is President George Bush a citizen of the United States of America?
2. Is Paris the capital of Mexico?
3. Is the answer to this question "no"?

—Margot Seides

CARDS . . .

TRIVIA

TWO-LETTER TRIVIA

Answer each of the clues below with a two-letter proper name. Getting more than half isn't "two" bad, and identifying 11 or more is "two-rific."

1. Dorothy's auntie
2. Evildoer Manchu
3. Prince Charles's wife
4. A moon of Jupiter
5. One of the *Little Women*
6. Hawaiian singer
7. Wizard's home, in film
8. Wizard's home, in the comics
9. Italy's longest river
10. He "knows football"
11. Egyptian sun god
12. Cellist Yo-Yo
13. Ancient Sumerian city
14. "The Babe Ruth of Japan"

—Stephanie Spadaccini

WORDPLAY

NESTED WORDS

Each set of clues below leads to a pair of words: a nine-letter word and a five-letter word "nested" in it. The nested word is found by taking every other letter of the nine-letter word, always beginning with the first letter. For example, nested in SALVATION is SLAIN: SaLvAtIoN. In each of the sets below, the nine-letter word is clued first.

1. Book of synonyms; rips
2. Nine-month growth period; gumball-machine coin
3. Ungrateful; captures, as a chess piece
4. Circumstance; spot on a shirt
5. Take the place of; spending extravaganza
6. Shirley Temple's hair quality; weeps
7. Philistine; item in the cranium
8. Oscar, for one; fry in a little oil
9. Schoolyard weapon; rifle part used for aiming
10. Cruel; strongly dislikes
11. Bankrupt; small isolated landmass

—Fraser Simpson

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ANSWER, PAGE 43



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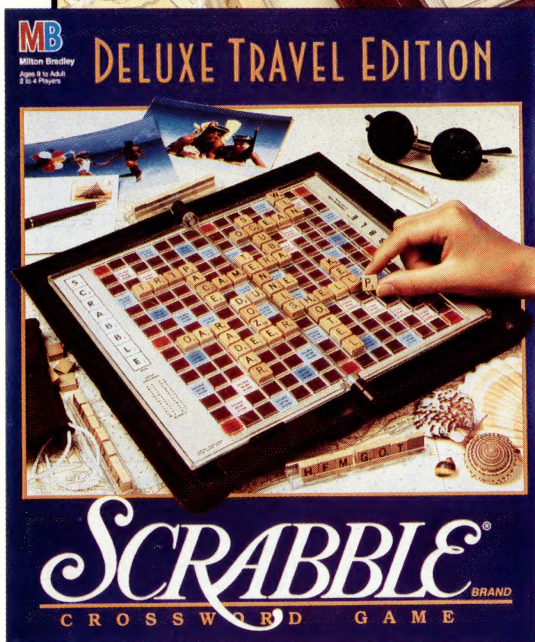
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